

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098902.D
 Acq On : 28 Sep 2017 12:19
 Operator : SJ/JU
 Sample : I5418-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:39:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139081	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	597970	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	271513	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	478670	20.00	ng	0.00
75) Chrysene-d12	14.09	240	270515	20.00	ng	0.00
86) Perylene-d12	15.57	264	247854	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1060534	121.39	ng	0.00
7) Phenol-d6	6.55	99	1333485	123.72	ng	0.00
23) Nitrobenzene-d5	7.48	82	814951	87.40	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	271963	122.41	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1359686	83.60	ng	0.00
78) Terphenyl-d14	13.03	244	1136199	95.52	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.77	88	146196	35.03	ng	99
3) Pyridine	3.55	79	425535	37.69	ng	99
4) n-Nitrosodimethylamine	3.50	42	204311	42.68	ng	# 99
6) Aniline	6.58	93	495507	34.06	ng	100
8) 2-Chlorophenol	6.70	128	403246	40.76	ng	99
9) Benzaldehyde	6.47	77	92603	14.81	ng	96
10) Phenol	6.56	94	556528	46.17	ng	97
11) bis(2-Chloroethyl)ether	6.65	93	392058	41.84	ng	100
12) 1,3-Dichlorobenzene	6.86	146	409216	39.49	ng	99
13) 1,4-Dichlorobenzene	6.93	146	414902	39.36	ng	99
14) 1,2-Dichlorobenzene	7.09	146	394540	40.50	ng	99
15) Benzyl Alcohol	7.06	79	350115	44.28	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	604615	41.41	ng	99
17) 2-Methylphenol	7.16	107	344814	42.59	ng	99
18) Hexachloroethane	7.43	117	150433	39.70	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	272768	39.64	ng	99
20) 3+4-Methylphenols	7.32	107	421685	41.17	ng	# 89
22) Acetophenone	7.33	105	544689	37.60	ng	# 96
24) Nitrobenzene	7.50	77	430143	40.67	ng	99
25) Isophorone	7.74	82	760389	39.44	ng	99
26) 2-Nitrophenol	7.82	139	223838	44.01	ng	93
27) 2,4-Dimethylphenol	7.85	122	377676	39.32	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	489962	40.78	ng	99
29) 2,4-Dichlorophenol	8.05	162	335119	40.63	ng	99
30) 1,2,4-Trichlorobenzene	8.14	180	328012	39.77	ng	98
31) Naphthalene	8.22	128	1124345	40.03	ng	100
32) Benzoic acid	7.90	122	20797	2.64	ng	94
33) 4-Chloroaniline	8.27	127	380850	32.47	ng	97
34) Hexachlorobutadiene	8.33	225	162324	38.21	ng	99
35) Caprolactam	8.64	113	68343	25.83	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	372070	40.14	ng	98
37) 2-Methylnaphthalene	8.91	142	775586	42.48	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	296821	36.66	ng	99
40) Hexachlorocyclopentadiene	9.06	237	278040	75.14	ng	98

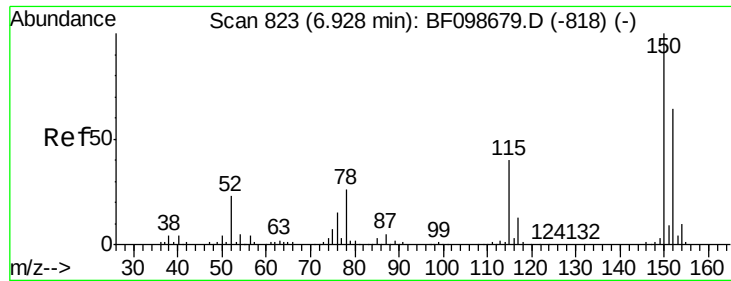
Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
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 Acq On : 28 Sep 2017 12:19
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	225972	39.39	nq	98
43) 2,4,5-Trichlorophenol	9.23	196	240205	41.95	nq	94
45) 1,1'-Biphenyl	9.37	154	879818	37.70	nq	99
46) 2-Chloronaphthalene	9.40	162	703565	40.16	nq	98
47) 2-Nitroaniline	9.50	65	238295	44.42	nq	98
48) Acenaphthylene	9.82	152	1062518	39.62	nq	99
49) Dimethylphthalate	9.67	163	965058	47.09	nq	99
50) 2,6-Dinitrotoluene	9.74	165	186251	41.75	nq	98
51) Acenaphthene	9.99	154	701344	41.28	nq	98
52) 3-Nitroaniline	9.91	138	195210	37.53	nq	93
53) 2,4-Dinitrophenol	10.02	184	106464	48.33	nq	93
54) Dibenzofuran	10.16	168	958804	42.39	nq	97
55) 4-Nitrophenol	10.07	139	350242	79.63	nq	94
56) 2,4-Dinitrotoluene	10.15	165	253711	43.82	nq	93
57) Fluorene	10.50	166	731544	40.23	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	174173	44.03	nq	96
59) Diethylphthalate	10.37	149	803720	40.14	nq	99
60) 4-Chlorophenyl-phenylether	10.49	204	326398	39.96	nq	99
61) 4-Nitroaniline	10.53	138	211139	42.07	nq	92
62) Azobenzene	10.66	77	800187	43.46	nq	97
64) 4,6-Dinitro-2-methylphenol	10.55	198	110445	37.92	nq	93
65) n-Nitrosodiphenylamine	10.62	169	671025	40.47	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	189620	40.47	nq	96
67) Hexachlorobenzene	11.05	284	191138	38.20	nq	97
68) Atrazine	11.14	200	204043	40.90	nq	99
69) Pentachlorophenol	11.24	266	211916	68.04	nq	99
70) Phenanthrene	11.47	178	1061958	41.45	nq	99
71) Anthracene	11.52	178	1086797	41.46	nq	100
72) Carbazole	11.67	167	1007259	39.23	nq	99
73) Di-n-butylphthalate	12.00	149	1245792	40.32	nq	100
74) Fluoranthene	12.66	202	1019247	39.28	nq	99
76) Benzidine	12.77	184	339453	33.93	nq	98
77) Pyrene	12.89	202	1025339	49.71	nq	100
79) Butylbenzylphthalate	13.50	149	491795	50.73	nq	95
80) Benzo(a)anthracene	14.07	228	677118	41.34	nq	100
81) 3,3'-Dichlorobenzidine	14.03	252	218086	36.32	nq	98
82) Chrysene	14.11	228	634989	40.72	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	652366	48.87	nq	# 100
84) Di-n-octyl phthalate	14.66	149	910116	42.34	nq	99
85) Indeno(1,2,3-cd)pyrene	17.09	276	679900	54.50	nq	96
87) Benzo(b)fluoranthene	15.14	252	596994	39.18	nq	99
88) Benzo(k)fluoranthene	15.17	252	551343	36.63	nq	98
89) Benzo(a)pyrene	15.52	252	575510	41.14	nq	98
90) Dibenzo(a,h)anthracene	17.11	278	561031	50.12	nq	98
91) Benzo(g,h,i)perylene	17.56	276	577996	52.23	nq	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

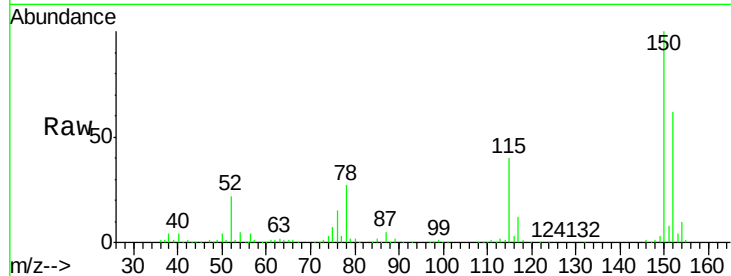


#1

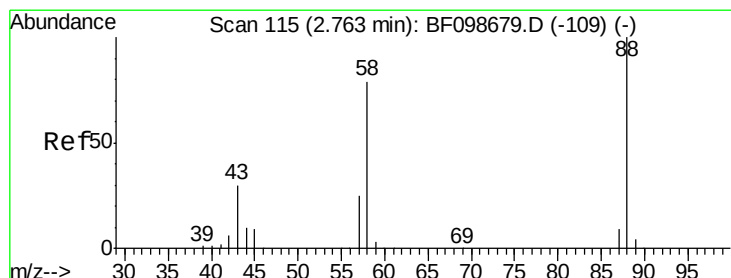
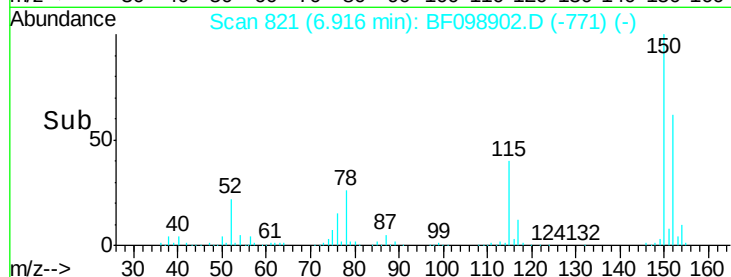
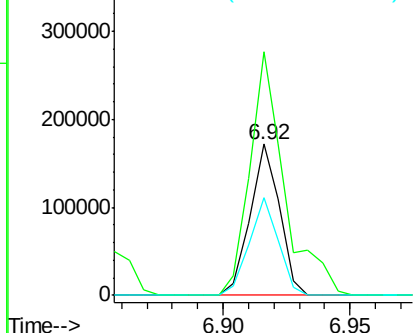
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.6	186.8
115	64.2	50.1	75.1



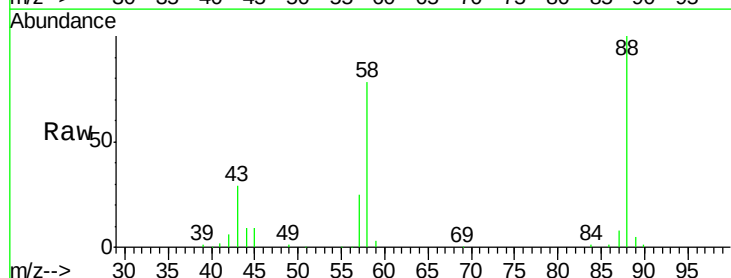
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



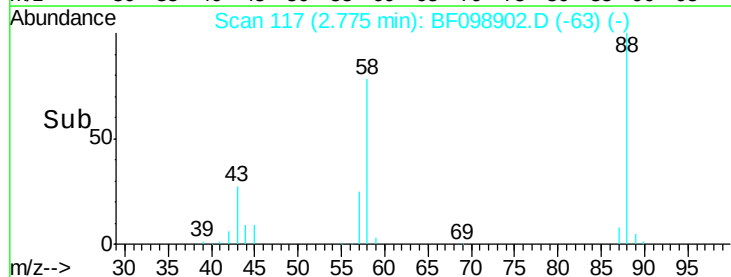
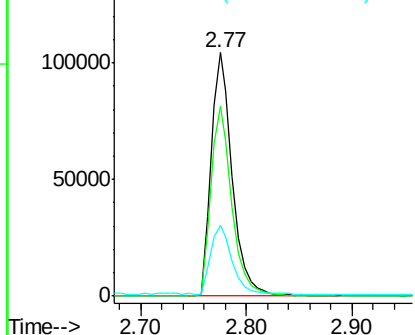
#2

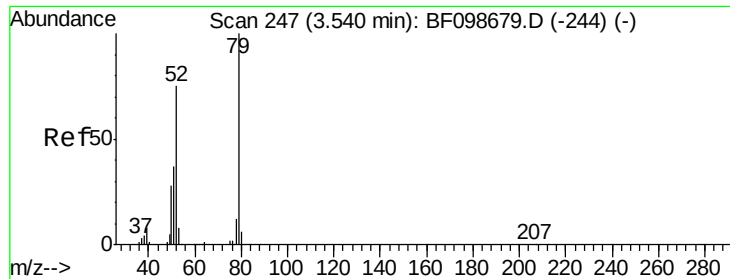
1,4-Dioxane
Concen: 35.03 ng
RT: 2.77 min Scan# 117
Delta R.T. 0.02 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.9	62.6	93.8
43	29.4	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.69 ng

RT: 3.55 min Scan# 249

Delta R.T. 0.02 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampled :

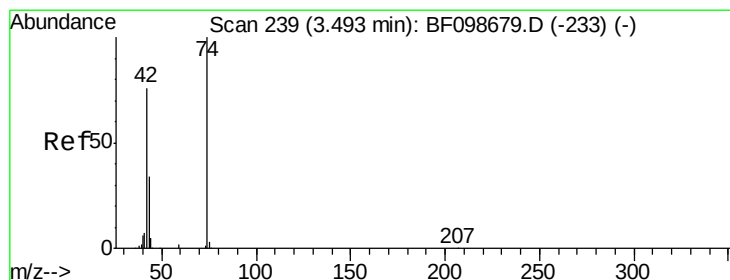
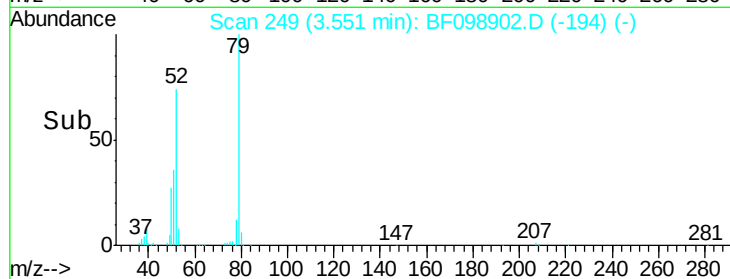
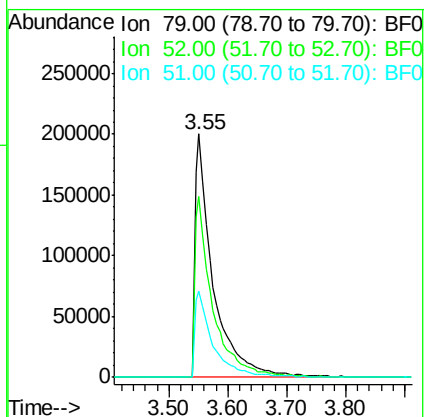
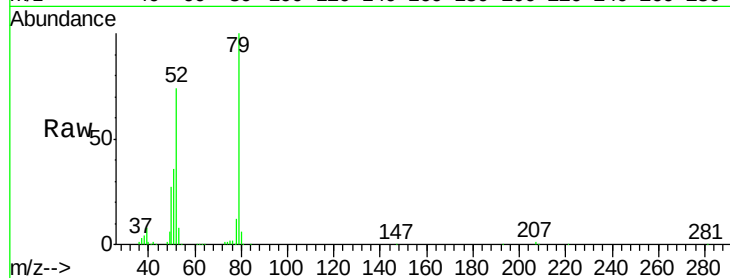
Tot Ion: 79 Resp: 425535

Ion Ratio Lower Upper

79 100

52 74.1 59.8 89.6

51 35.7 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 42.68 ng

RT: 3.50 min Scan# 241

Delta R.T. 0.02 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

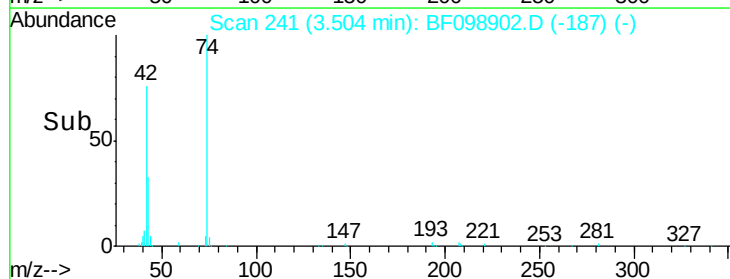
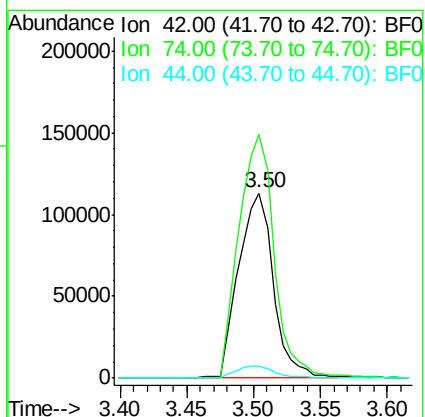
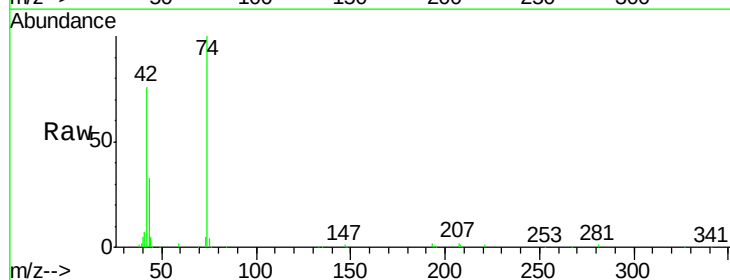
Tgt Ion: 42 Resp: 204311

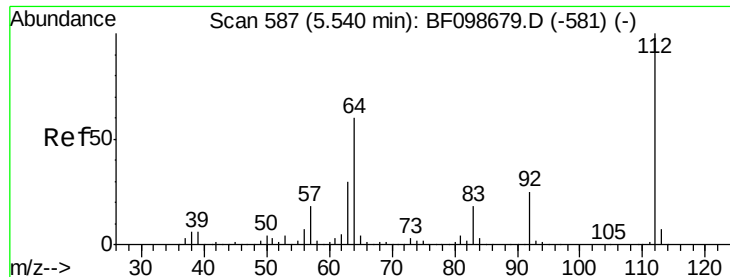
Ion Ratio Lower Upper

42 100

74 131.8 104.9 157.3

44 6.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 121.39 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :
BNA_F
ClientSampleId :

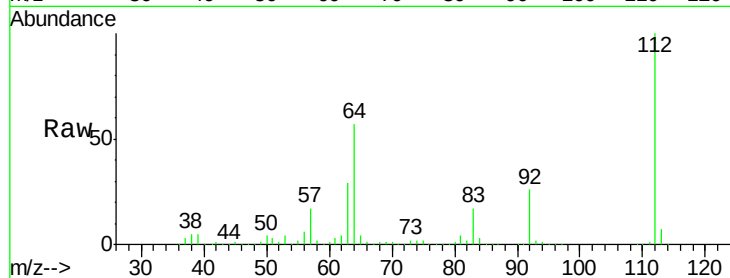
Tot Ion: 112 Resp: 1060534

Ion Ratio Lower Upper

112 100

64 56.6 47.9 71.9

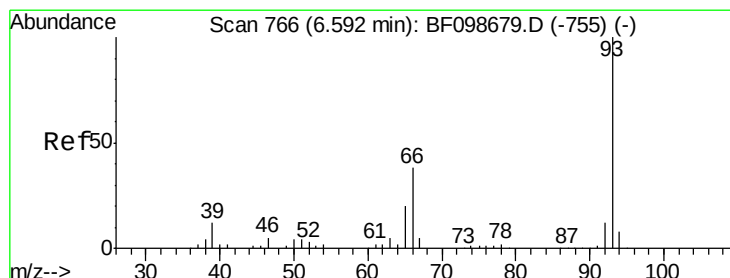
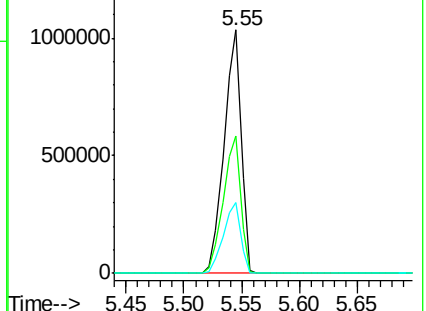
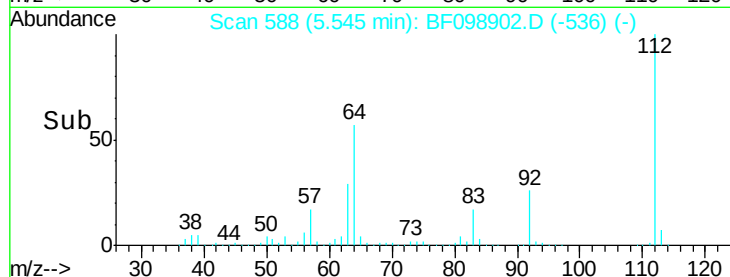
63 29.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.06 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

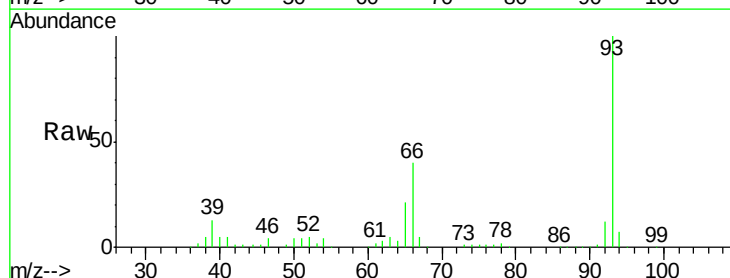
Tgt Ion: 93 Resp: 495507

Ion Ratio Lower Upper

93 100

66 40.1 32.2 48.2

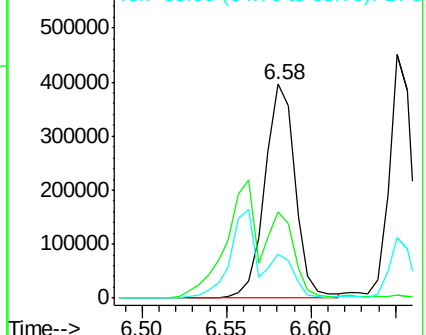
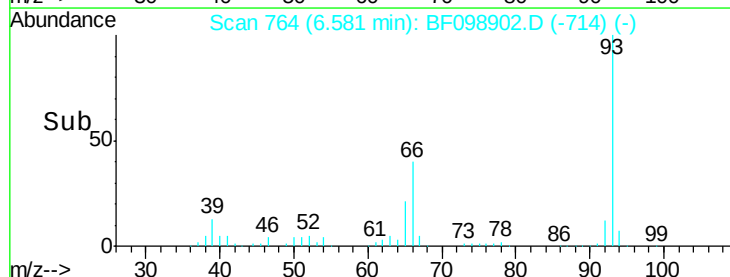
65 20.5 16.4 24.6

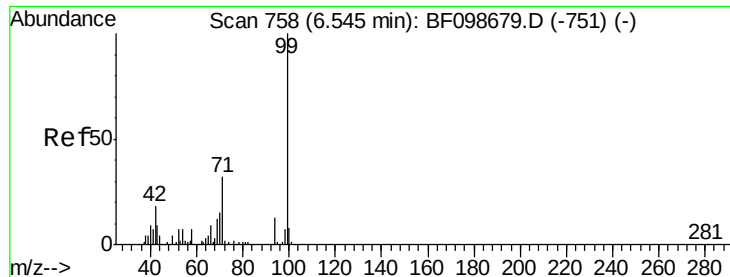


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.72 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampled :

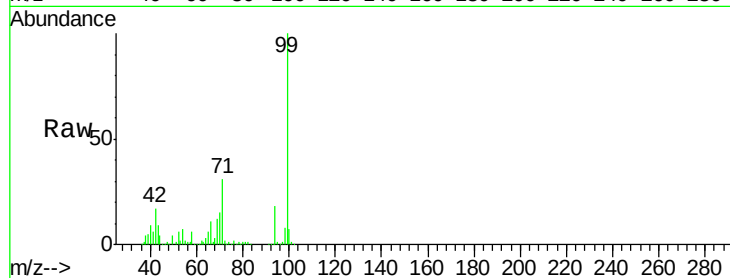
Tot Ion: 99 Resp: 1333485

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

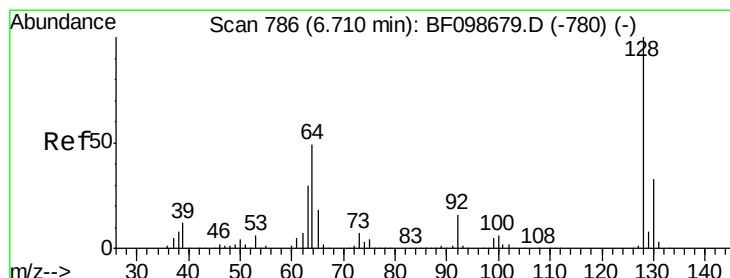
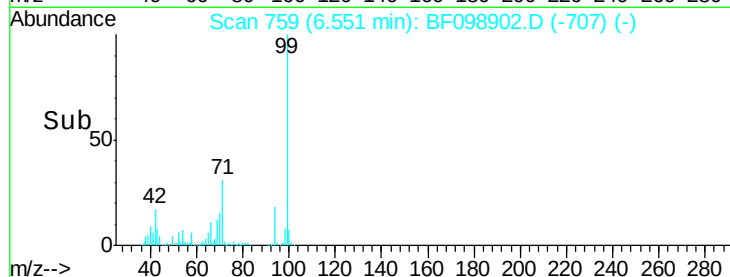
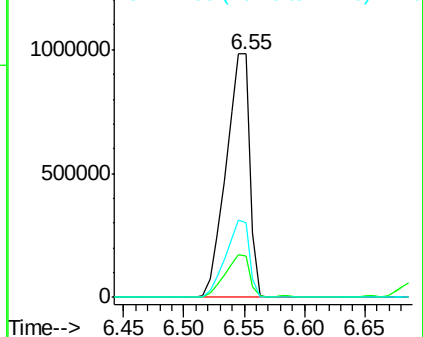
71 30.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.76 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

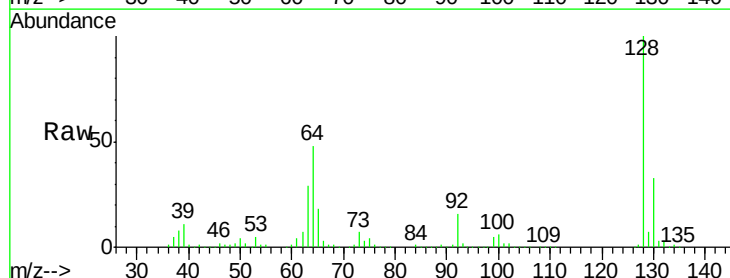
Tgt Ion: 128 Resp: 403246

Ion Ratio Lower Upper

128 100

130 33.2 13.0 53.0

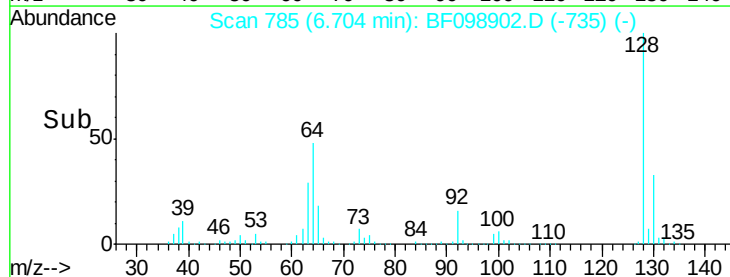
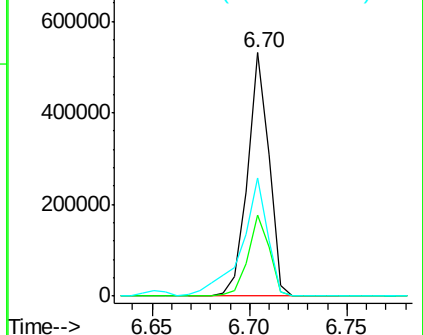
64 48.4 29.4 69.4

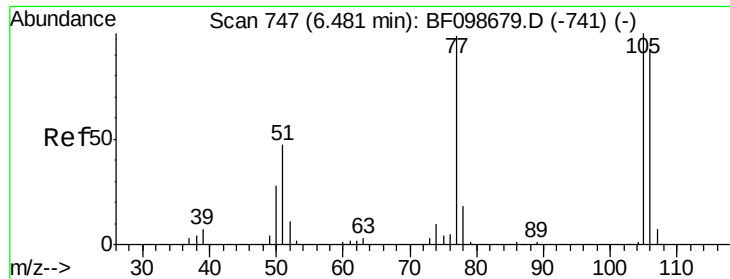


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 14.81 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampled :

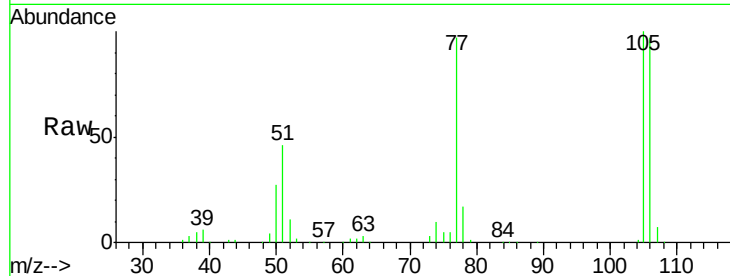
Tot Ion: 77 Resp: 92603

Ion Ratio Lower Upper

77 100

105 102.7 81.1 121.1

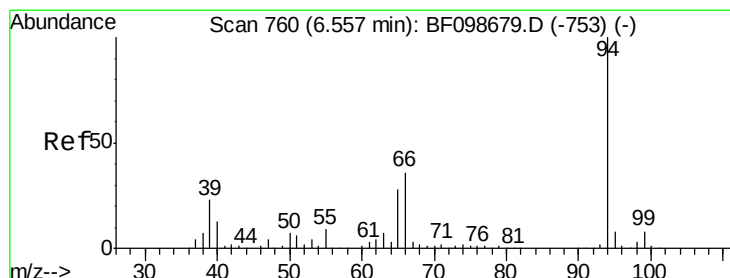
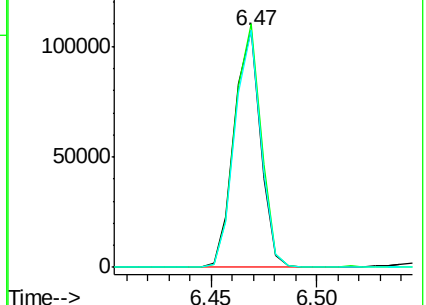
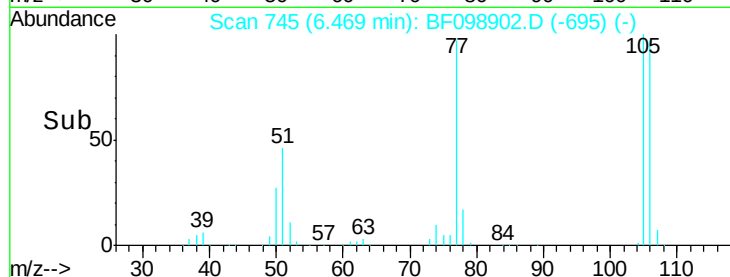
106 100.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 46.17 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

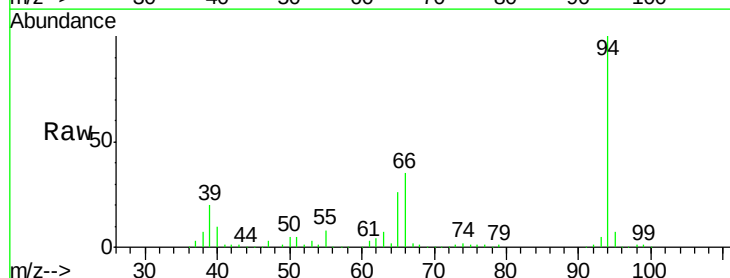
Tgt Ion: 94 Resp: 556528

Ion Ratio Lower Upper

94 100

65 26.2 7.9 47.9

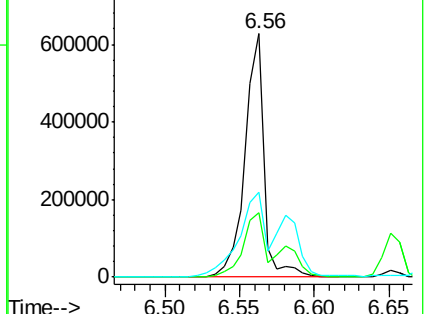
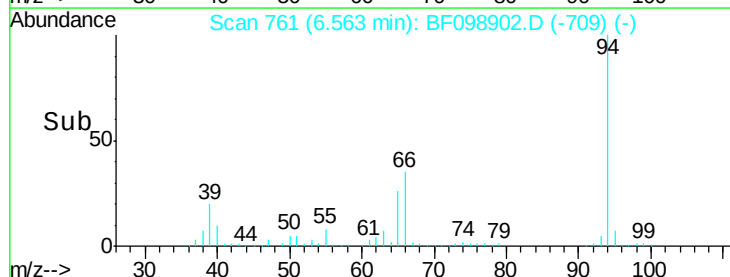
66 34.7 16.2 56.2

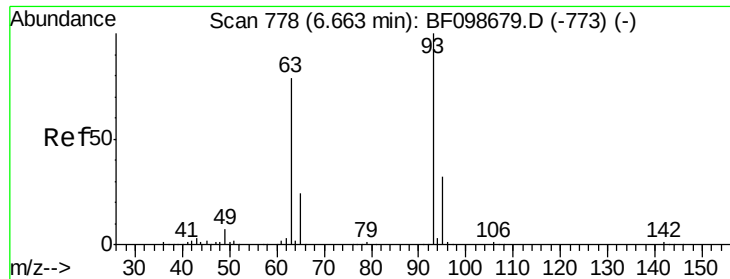


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

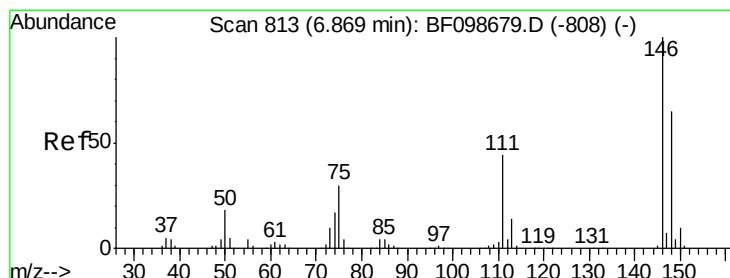
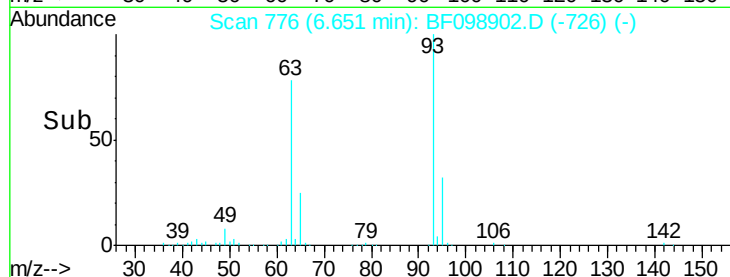
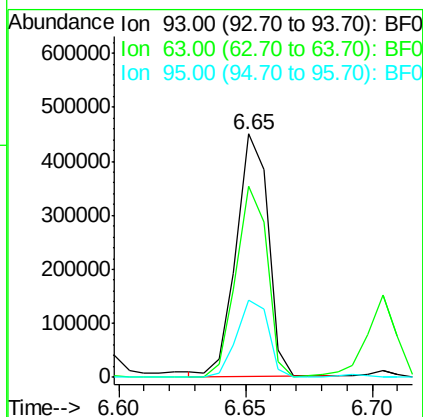
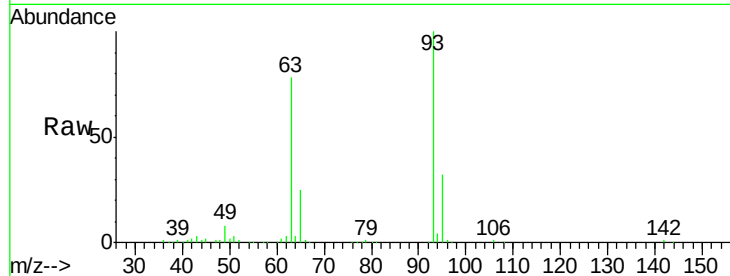




#11
bis(2-Chloroethyl)ether
Concen: 41.84 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

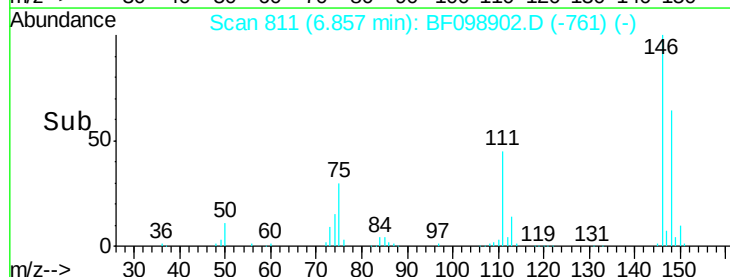
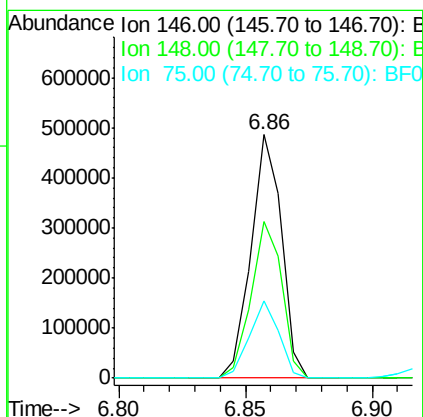
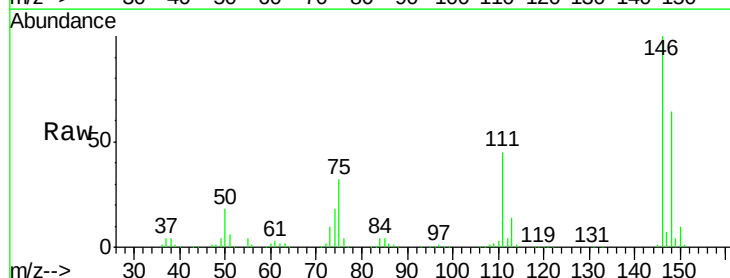
Instrument :
BNA_F
ClientSampleId :

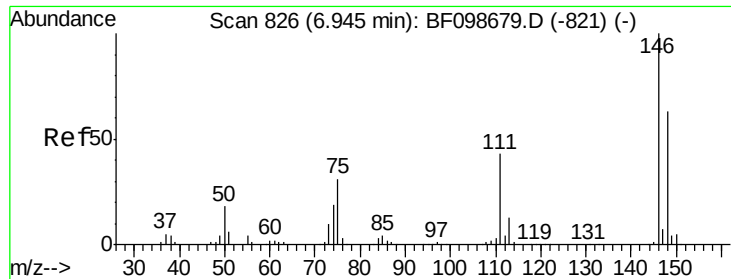
Tot Ion: 93 Resp: 392058
Ion Ratio Lower Upper
93 100
63 78.3 58.6 98.6
95 31.6 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 39.49 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion: 146 Resp: 409216
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.8
75 31.9 24.2 36.4

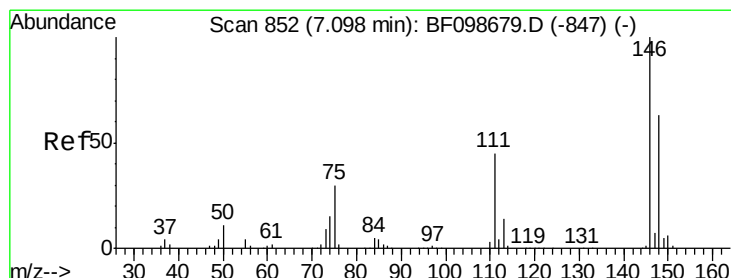
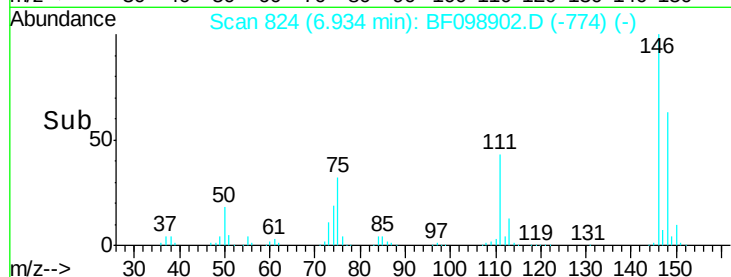
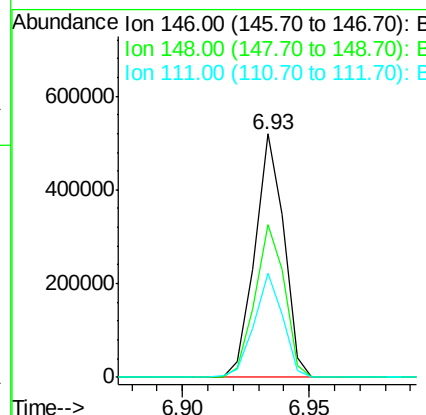
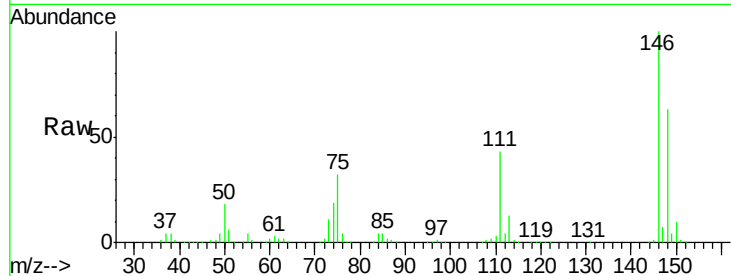




#13
 1,4-Dichlorobenzene
 Concen: 39.36 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

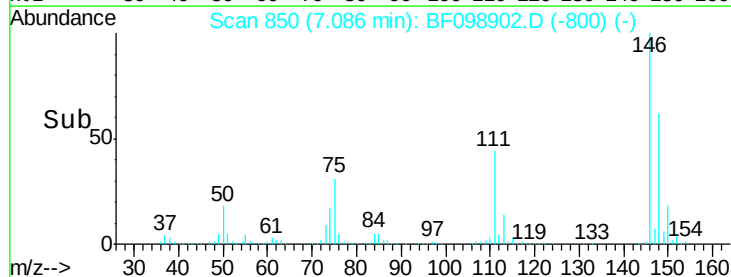
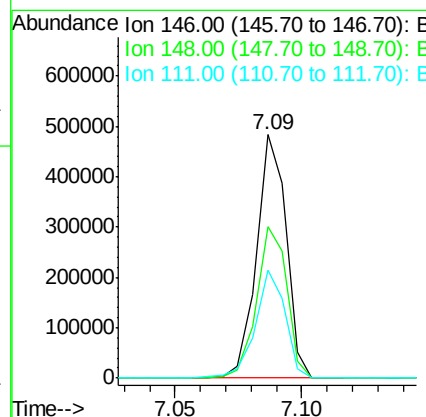
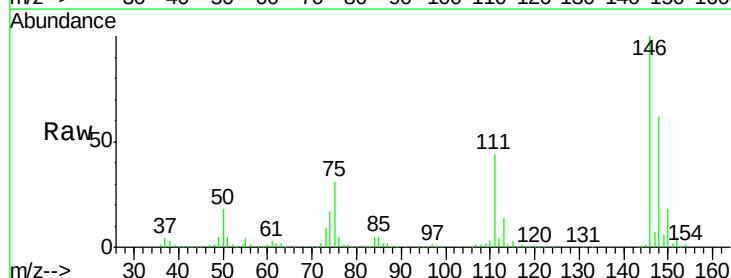
Instrument :
 BNA_F
 ClientSampleId :

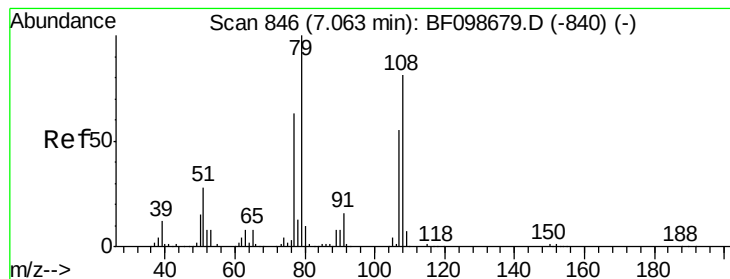
Tot Ion:146 Resp: 414902
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.8 76.2
 111 42.7 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 40.50 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion:146 Resp: 394540
 Ion Ratio Lower Upper
 146 100
 148 62.4 50.6 75.8
 111 44.2 36.0 54.0





#15

Benzyl Alcohol

Concen: 44.28 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampled :

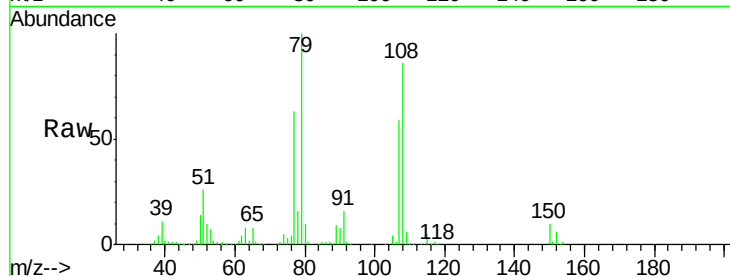
Tot Ion: 79 Resp: 350115

Ion Ratio Lower Upper

79 100

108 85.8 65.1 97.7

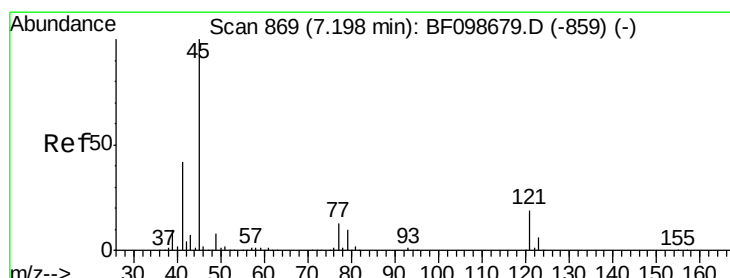
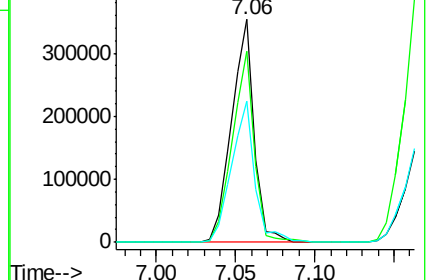
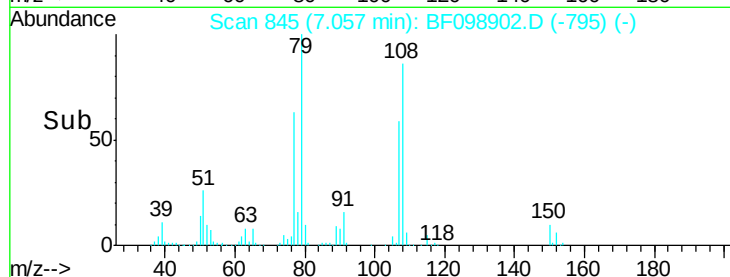
77 63.5 50.6 75.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.41 ng

RT: 7.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

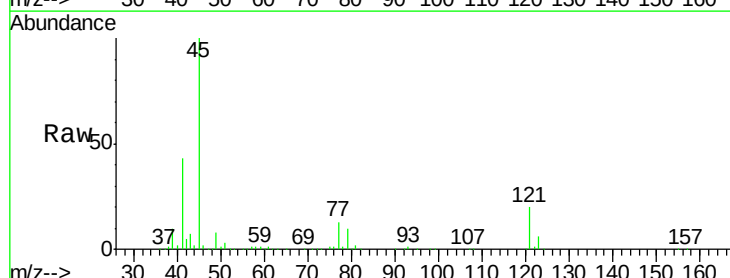
Tgt Ion: 45 Resp: 604615

Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.9

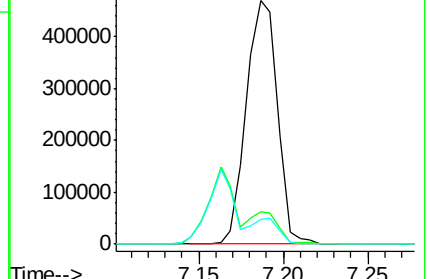
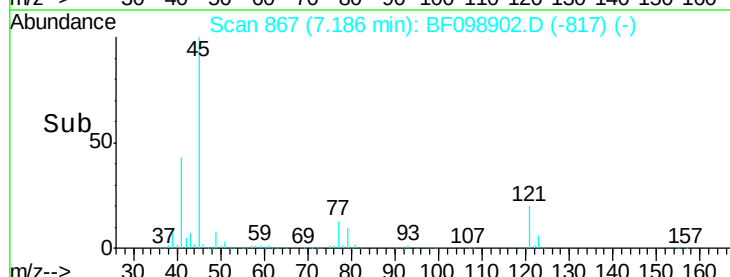
79 10.0 0.0 29.6

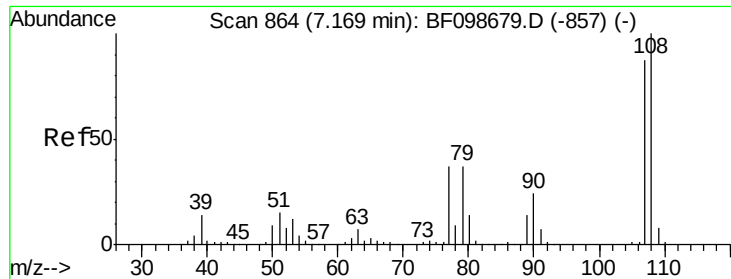


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

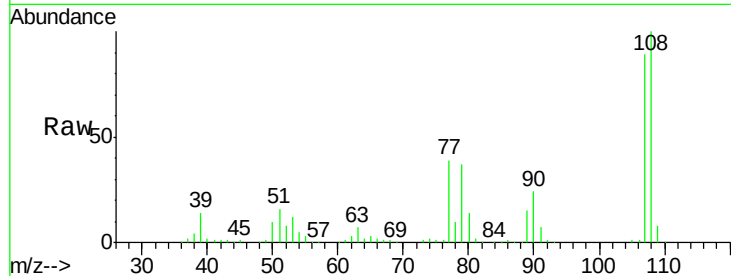




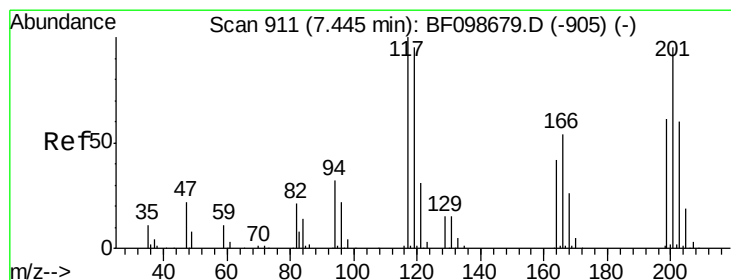
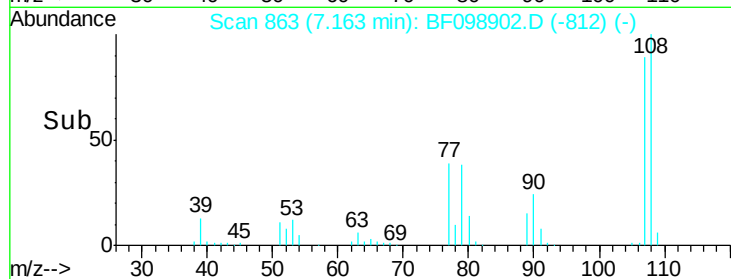
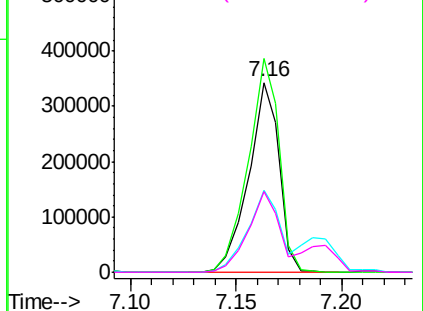
#17
2-Methylphenol
Concen: 42.59 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 344814
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 43.4 33.8 50.8
79 42.2 33.8 50.8

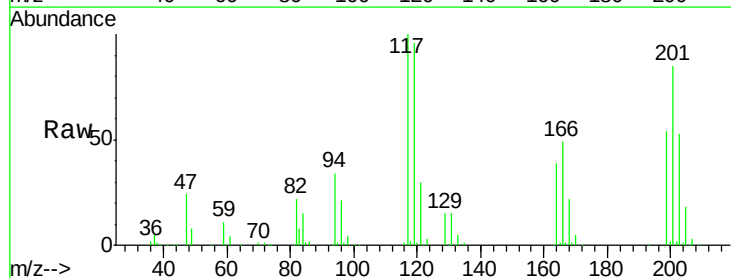


Abundance Ion 107.00 (106.70 to 107.70): E
600000
Ion 108.00 (107.70 to 108.70): E
500000
Ion 77.00 (76.70 to 77.70): BF0
400000
Ion 79.00 (78.70 to 79.70): BF0
300000
200000
100000
0

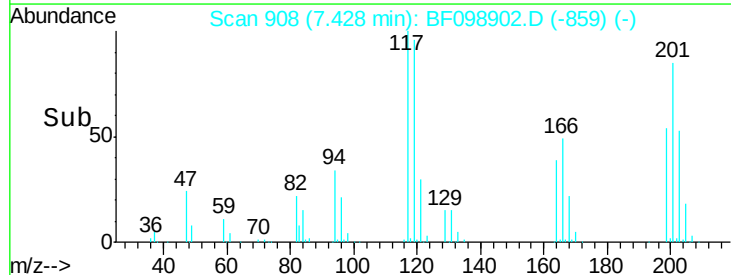
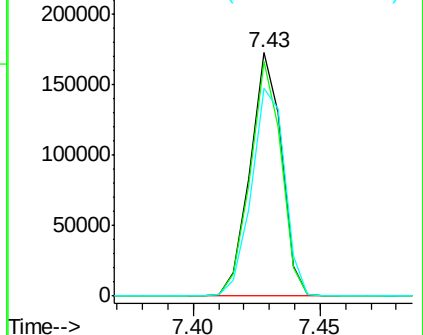


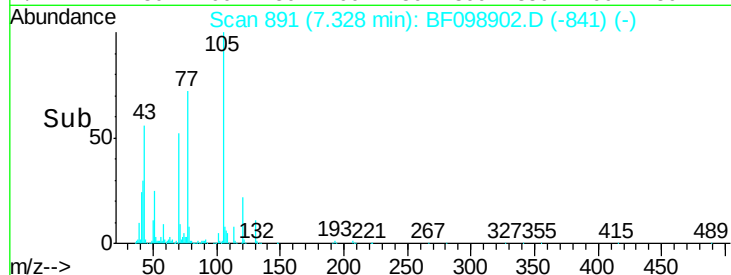
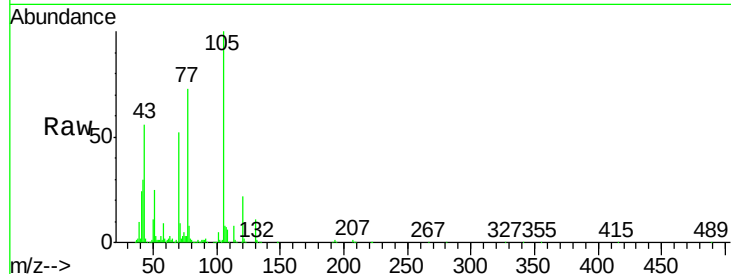
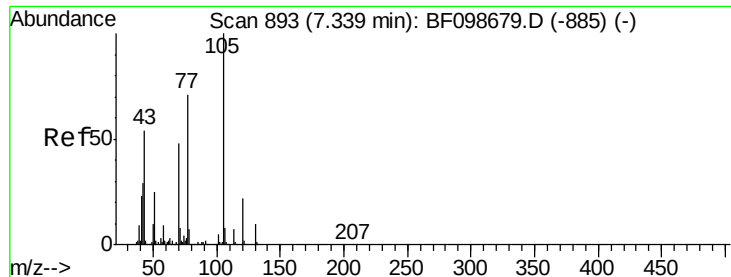
#18
Hexachloroethane
Concen: 39.70 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion:117 Resp: 150433
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 85.3 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
150000
Ion 201.00 (200.70 to 201.70): E
100000
50000
0

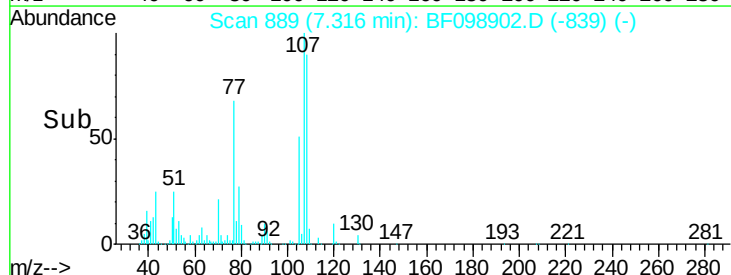
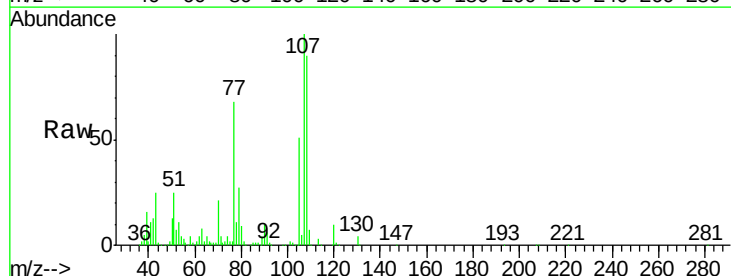
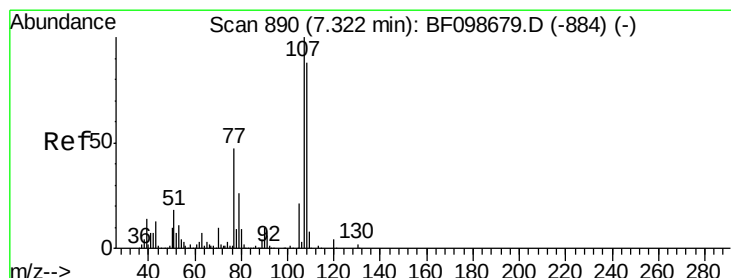
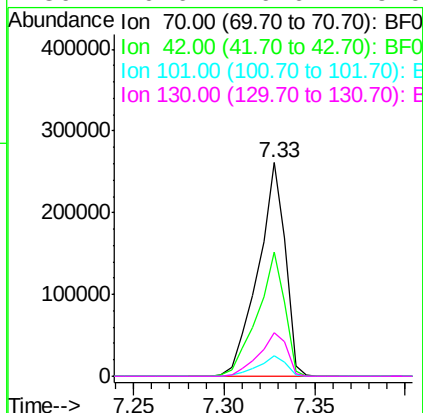




#19
n-Nitroso-di-n-propylamine
Concen: 39.64 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

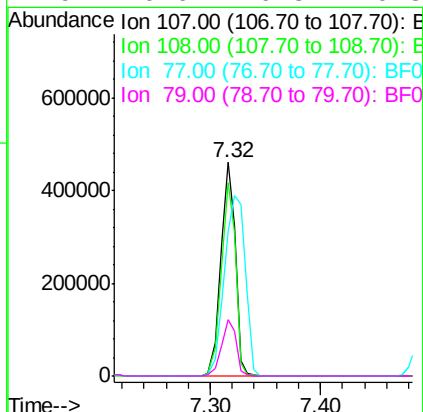
Instrument :
BNA_F
ClientSampleId :

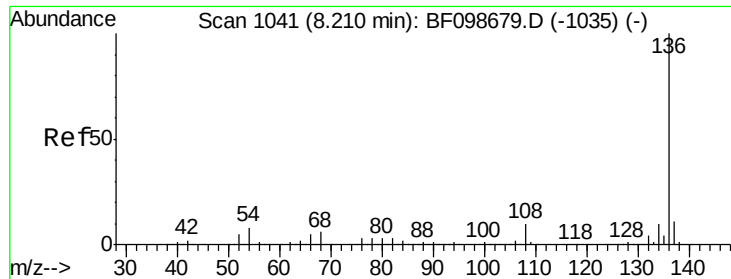
Tot Ion:	70	Resp:	272768
Ion	Ratio	Lower	Upper
70	100		
42	58.3	47.5	71.3
101	9.8	7.4	11.2
130	20.6	16.6	25.0



#20
3+4-Methylphenols
Concen: 41.17 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion:	107	Resp:	421685
Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	67.7	26.7	66.7#
79	26.6	6.3	46.3

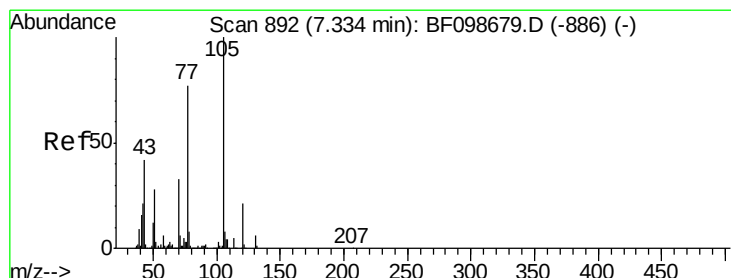
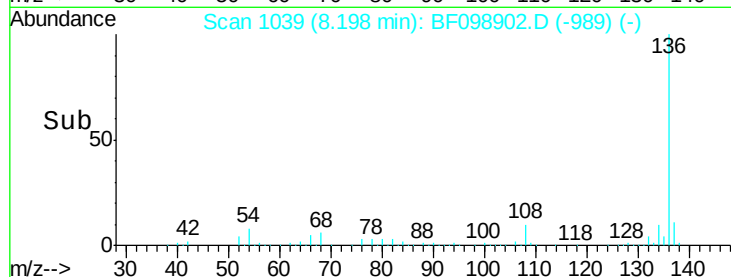
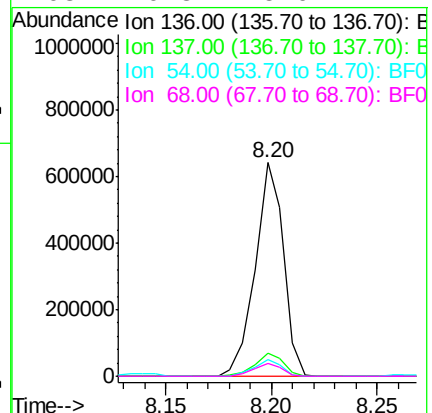
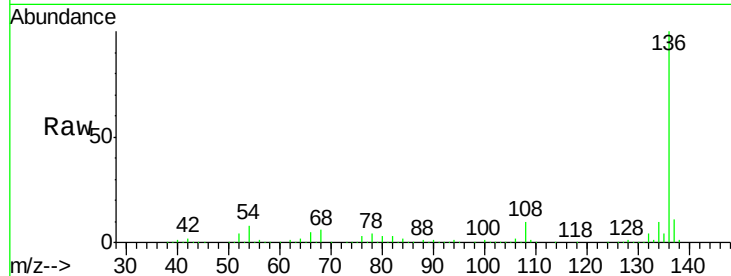




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

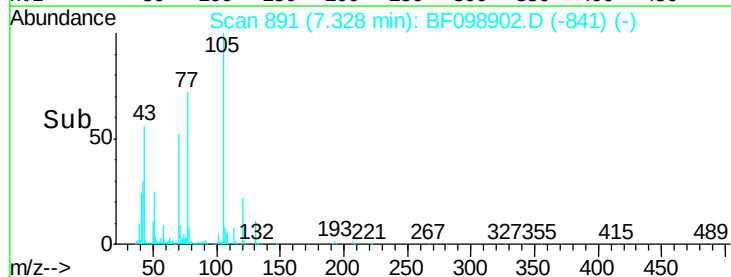
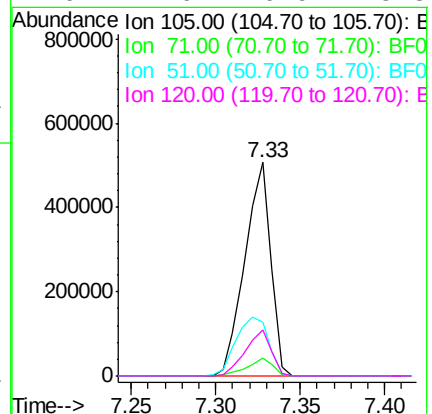
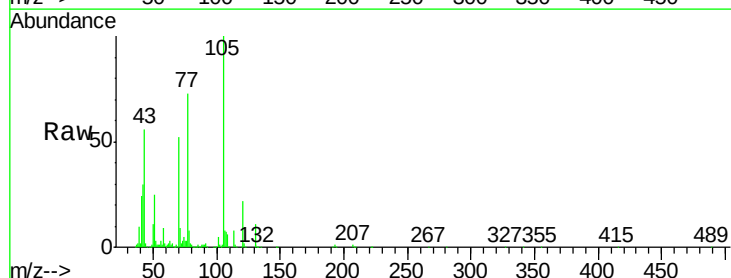
Instrument :
BNA_F
ClientSampleId :

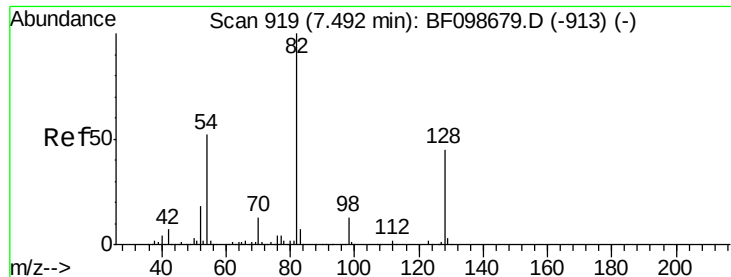
Tot Ion:136	Resp:	597970
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.9 13.3
54	8.1	6.6 9.8
68	6.3	5.0 7.4



#22
Acetophenone
Concen: 37.60 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion:105	Resp:	544689
Ion Ratio	Lower	Upper
105	100	
71	8.6	4.4 6.6#
51	25.4	22.3 33.5
120	21.6	16.9 25.3

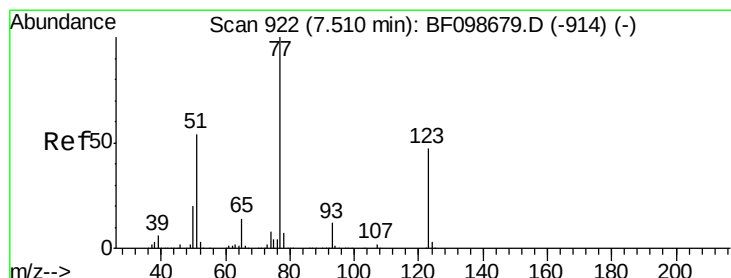
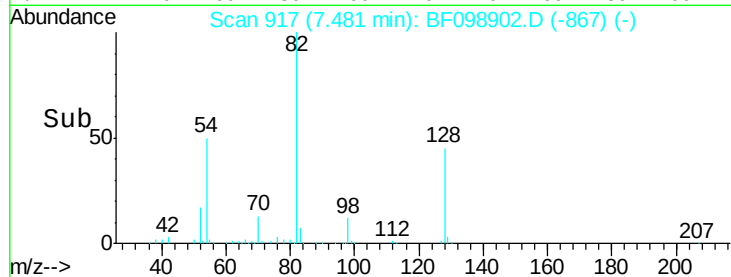
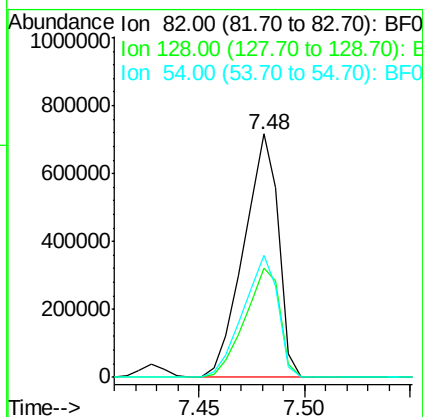
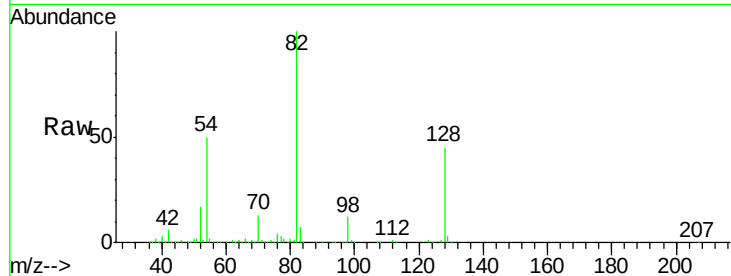




#23
Nitrobenzene-d5
Concen: 87.40 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

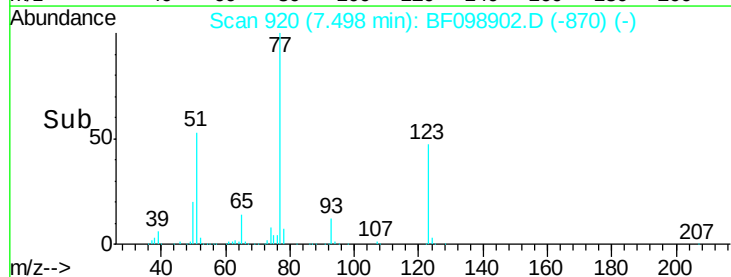
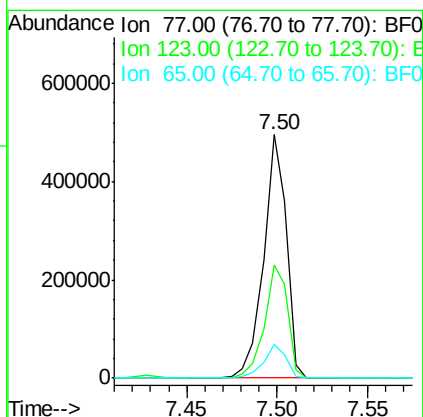
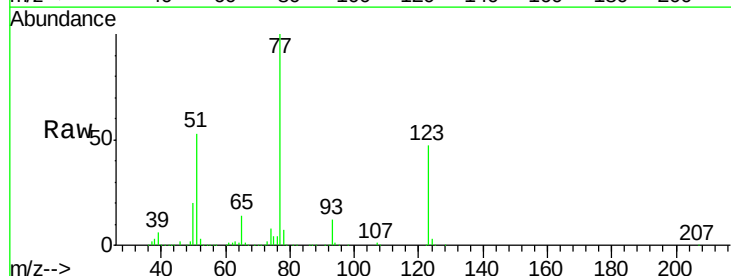
Instrument :
BNA_F
ClientSampleId :

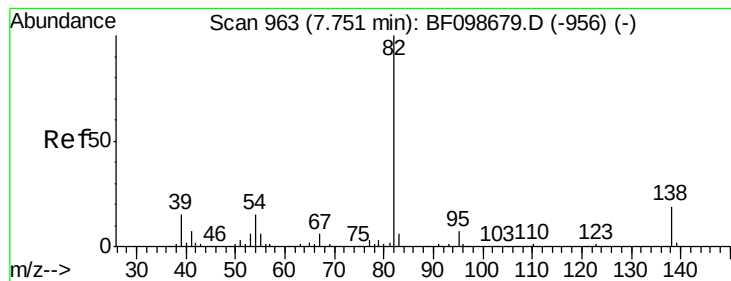
Tot Ion	82	Resp	814951
Ion Ratio	100	Lower	Upper
128	45.0	36.1	54.1
54	50.0	41.4	62.2



#24
Nitrobenzene
Concen: 40.67 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion	77	Resp	430143
Ion Ratio	100	Lower	Upper
123	46.6	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 39.44 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :

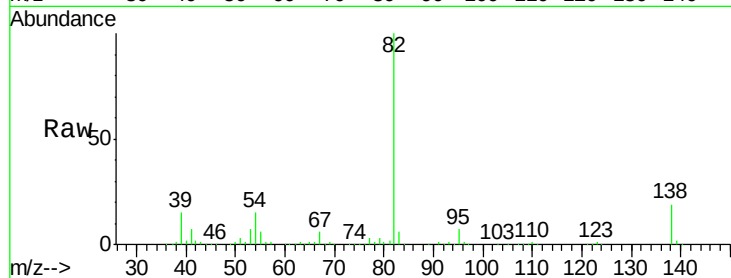
Tot Ion: 82 Resp: 760389

Ion Ratio Lower Upper

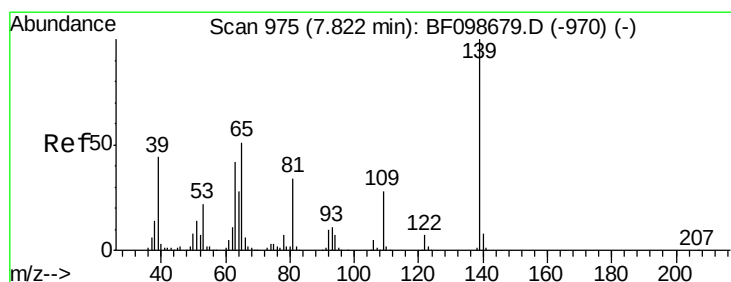
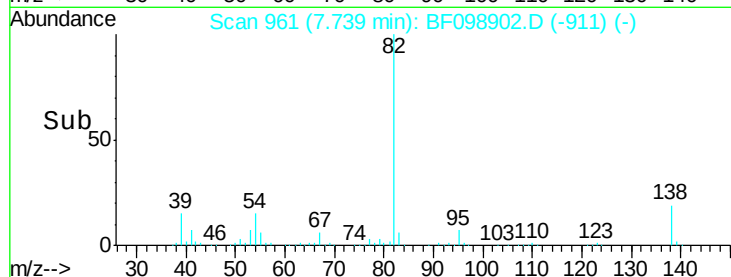
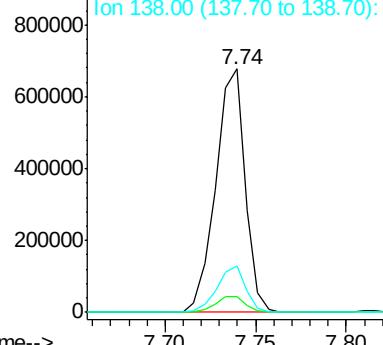
82 100

95 6.7 5.2 7.8

138 19.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.01 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

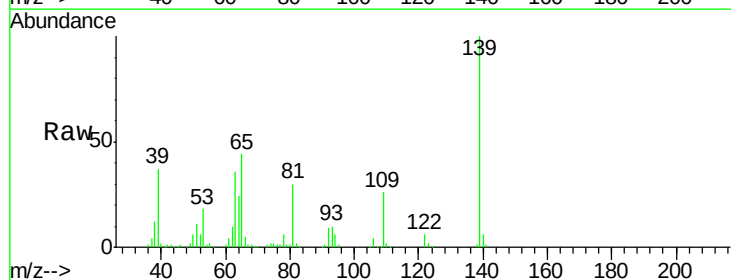
Tgt Ion: 139 Resp: 223838

Ion Ratio Lower Upper

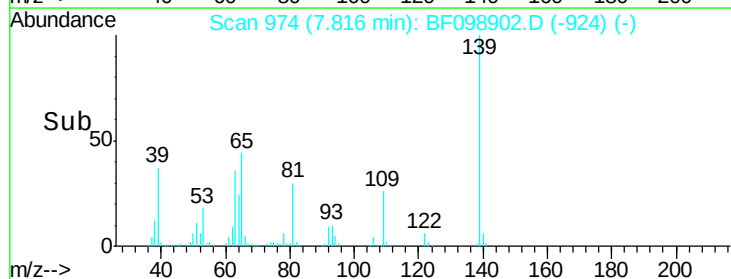
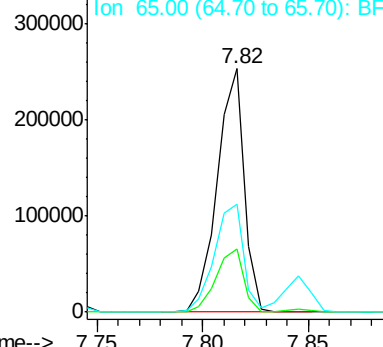
139 100

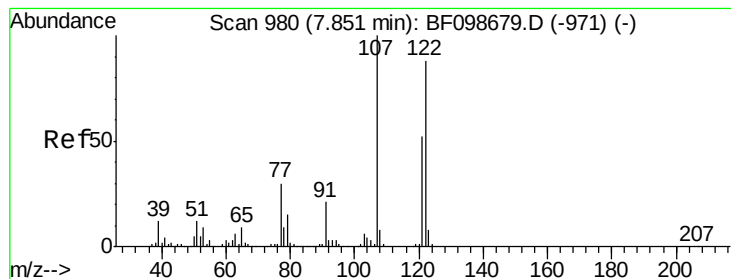
109 26.2 22.7 34.1

65 44.2 40.5 60.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.32 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampled :

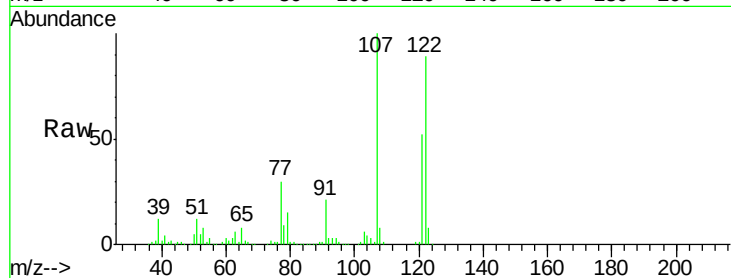
Tot Ion:122 Resp: 377676

Ion Ratio Lower Upper

122 100

107 112.5 91.2 136.8

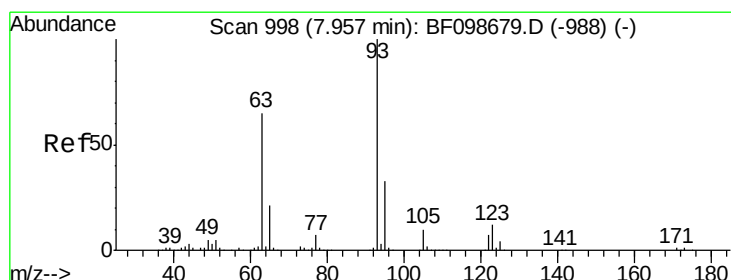
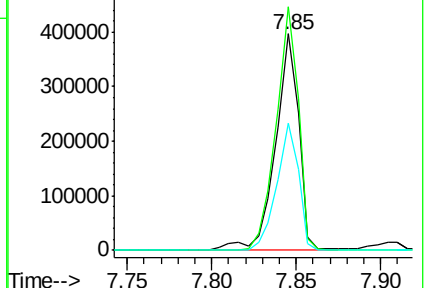
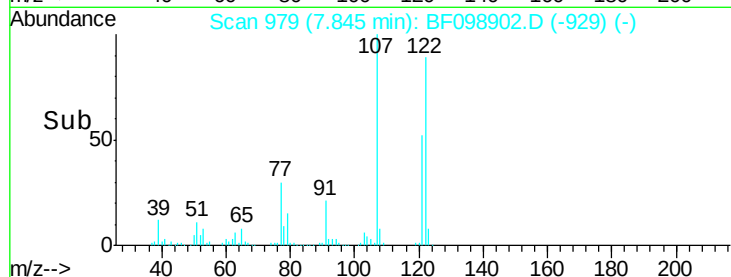
121 58.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.78 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

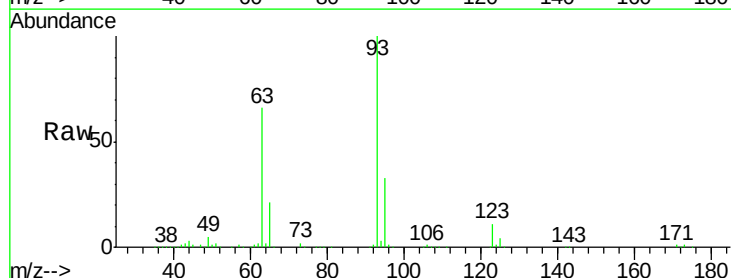
Tgt Ion: 93 Resp: 489962

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

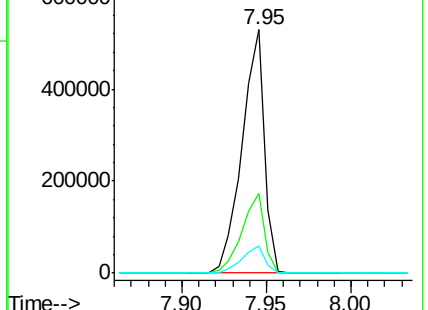
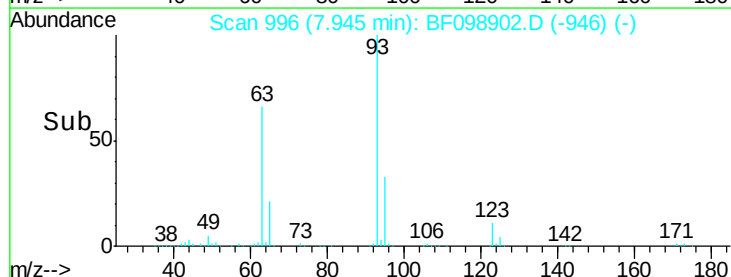
123 11.3 9.8 14.6

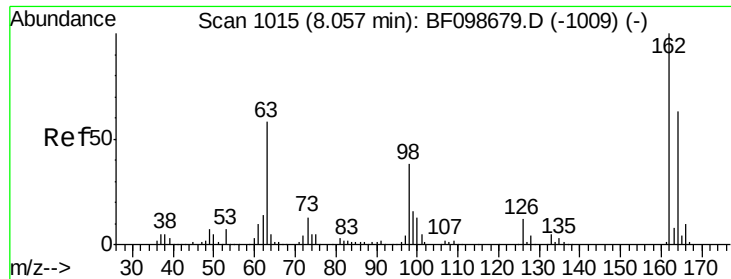


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

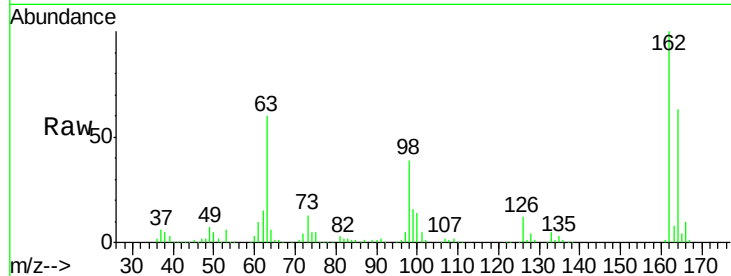




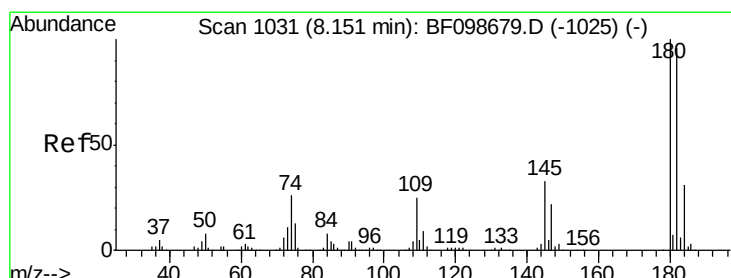
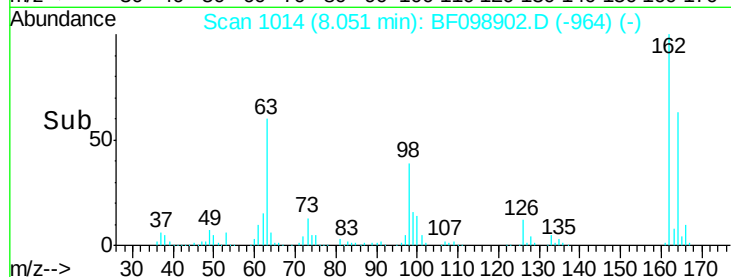
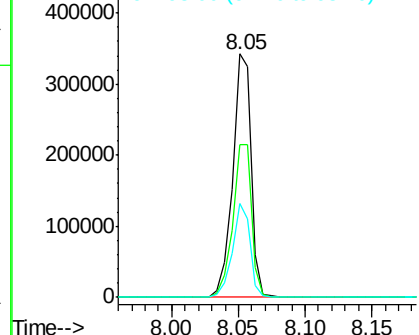
#29
 2,4-Dichlorophenol
 Concen: 40.63 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	42.7	82.7
98	38.7	18.1	58.1

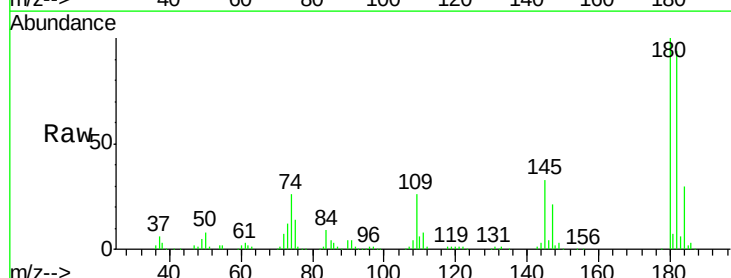


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

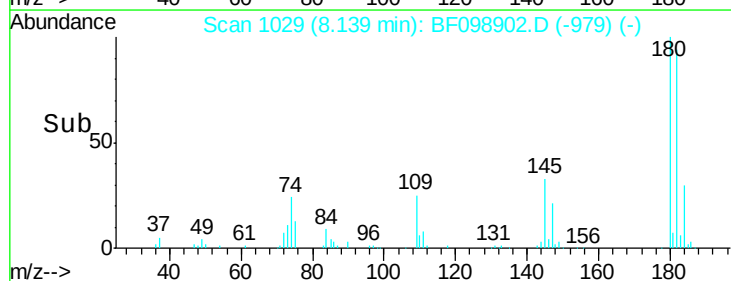
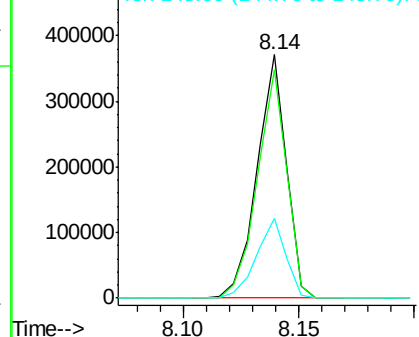


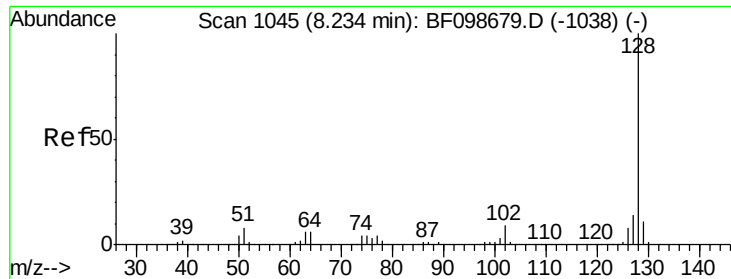
#30
 1,2,4-Trichlorobenzene
 Concen: 39.77 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.8	115.2
145	32.9	26.5	39.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

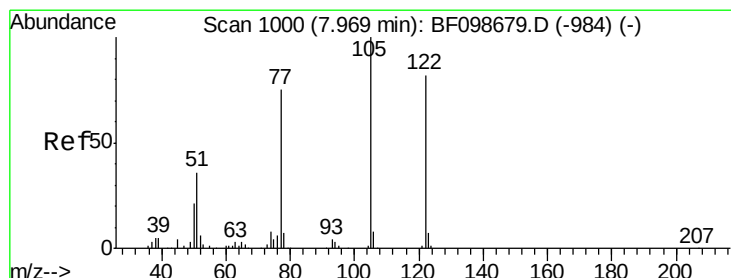
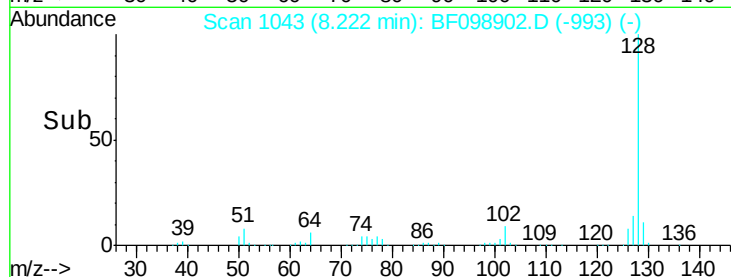
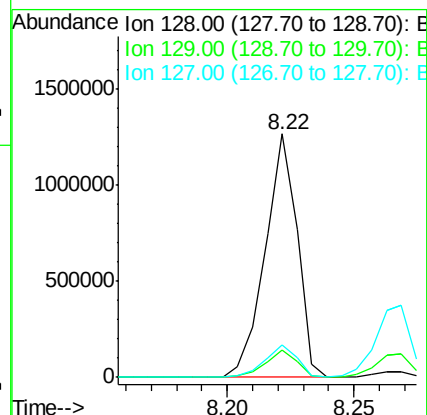
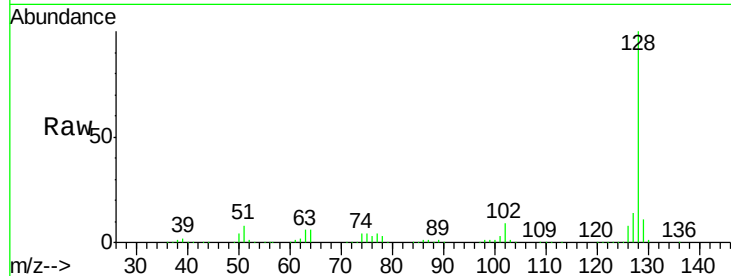




#31
Naphthalene
Concen: 40.03 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

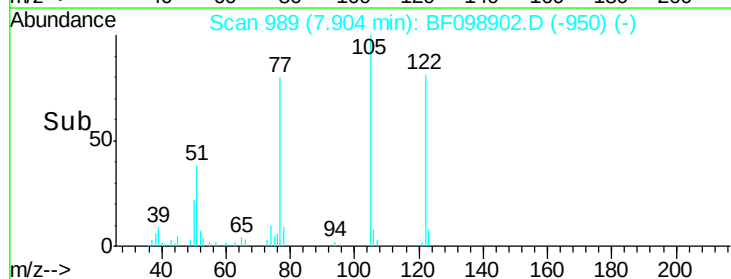
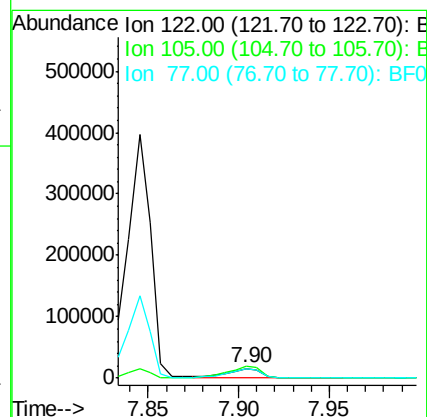
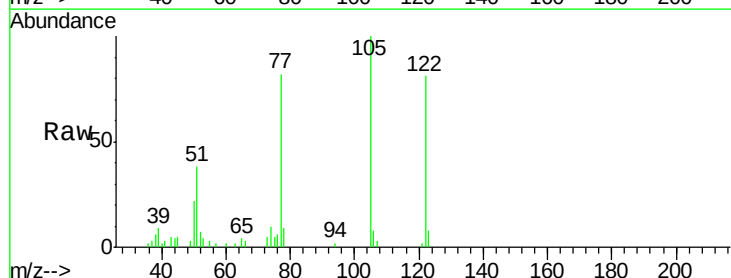
Instrument :
BNA_F
ClientSampleId :

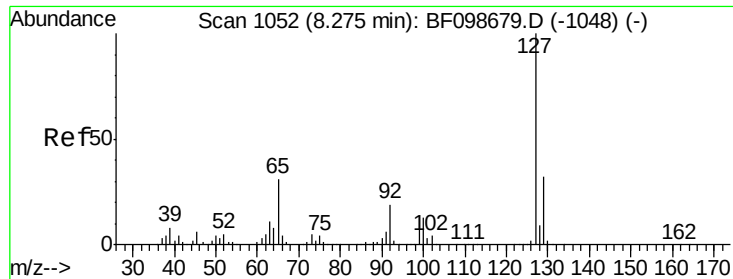
Tot Ion:128 Resp: 1124345
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 2.64 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.07 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion:122 Resp: 20797
Ion Ratio Lower Upper
122 100
105 123.0 101.1 141.1
77 101.1 70.7 110.7

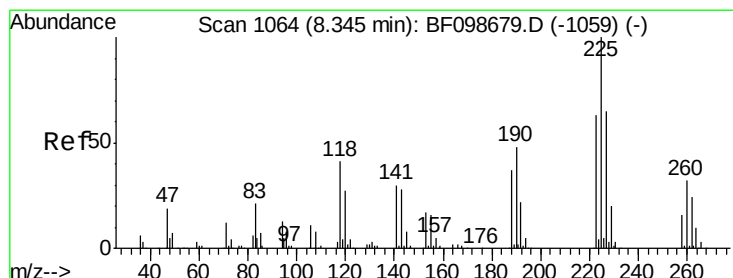
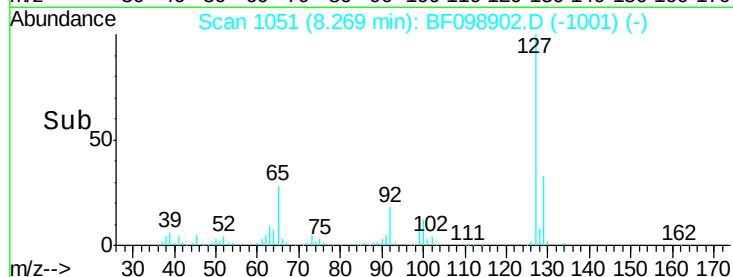
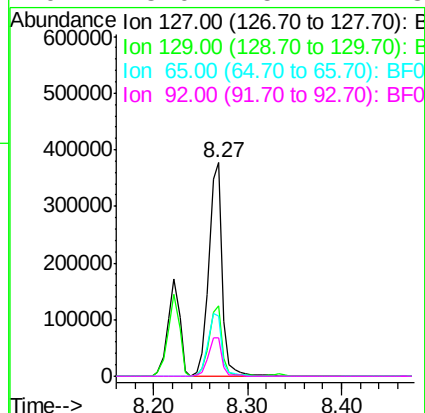
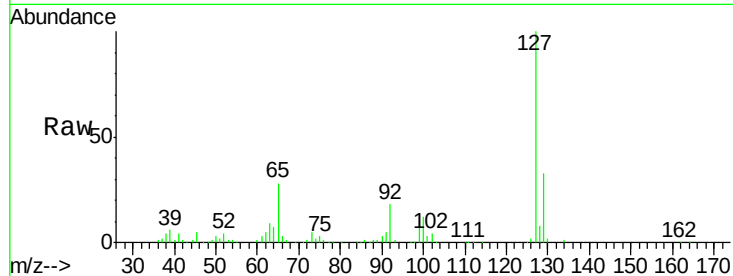




#33
 4-Chloroaniline
 Concen: 32.47 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

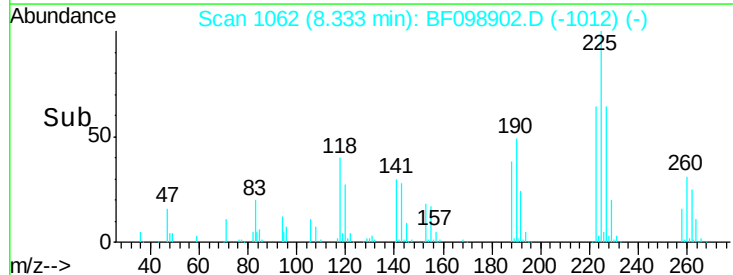
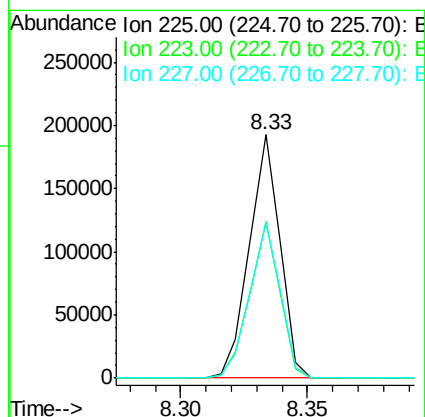
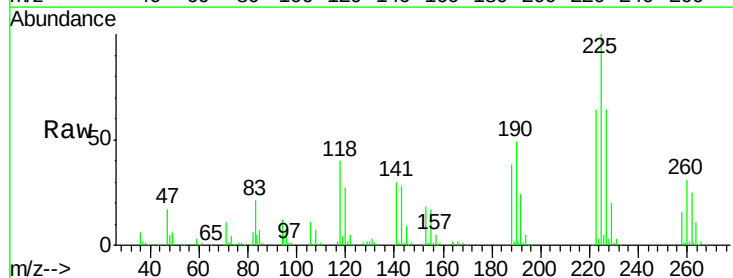
Instrument :
 BNA_F
 ClientSampled :

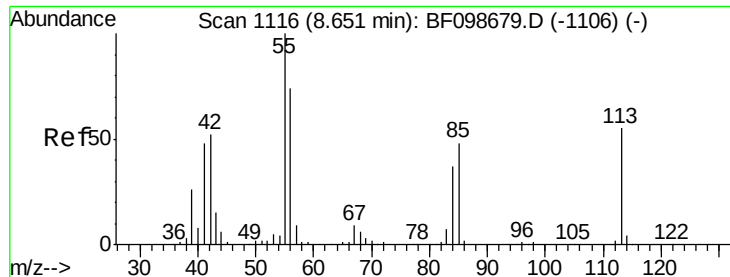
Tot Ion:	127	Resp:	380850
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.1	25.0	37.4
92	18.0	15.2	22.8



#34
 Hexachlorobutadiene
 Concen: 38.21 ng
 RT: 8.33 min Scan# 1062
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion:	225	Resp:	162324
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	64.0	51.9	77.9

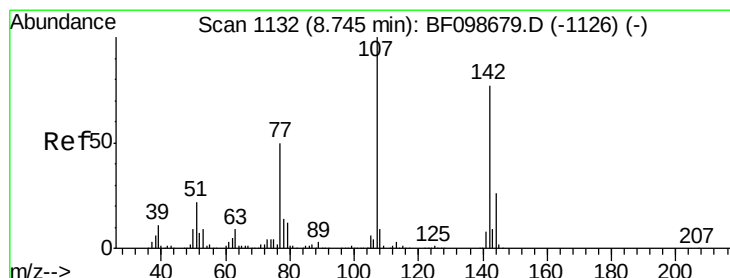
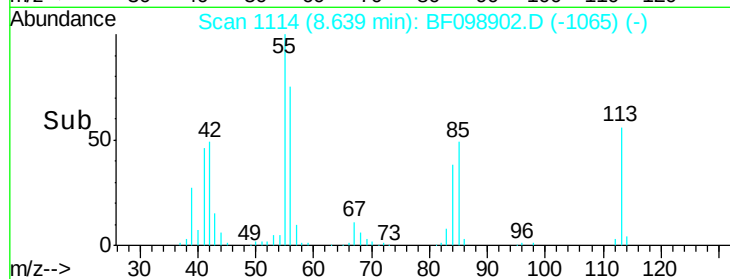
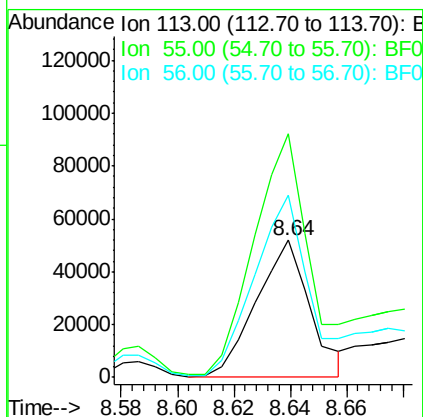
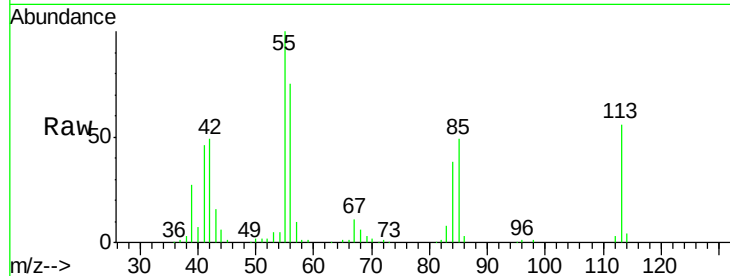




#35
 Caprolactam
 Concen: 25.83 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

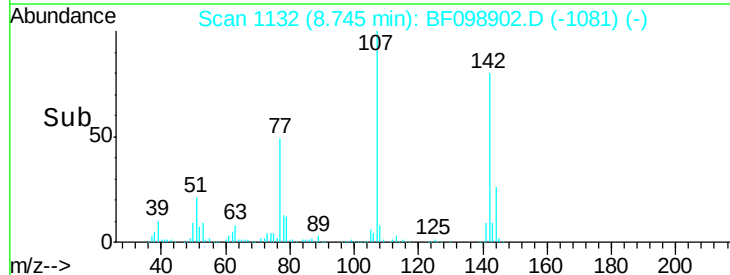
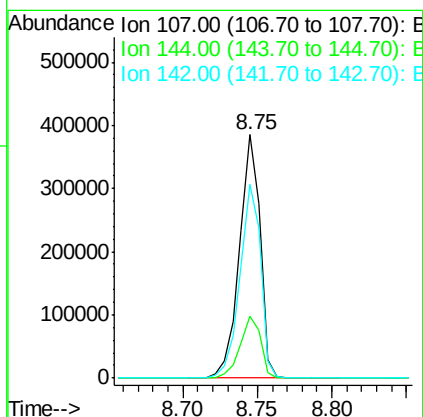
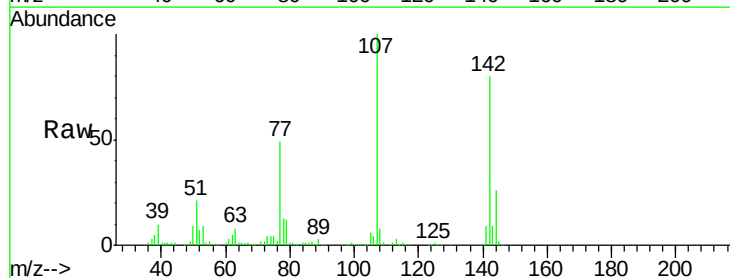
Instrument :
 BNA_F
 ClientSampleId :

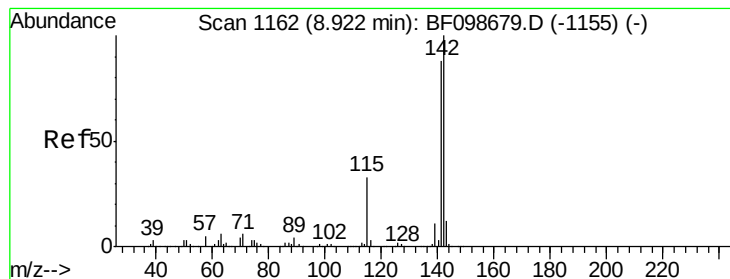
Tot Ion:113 Resp: 68343
 Ion Ratio Lower Upper
 113 100
 55 177.8 163.3 203.3
 56 133.3 115.7 155.7



#36
 4-Chloro-3-methylphenol
 Concen: 40.14 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion:107 Resp: 372070
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 79.8 62.0 93.0





#37

2-Methylnaphthalene

Concen: 42.48 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampled :

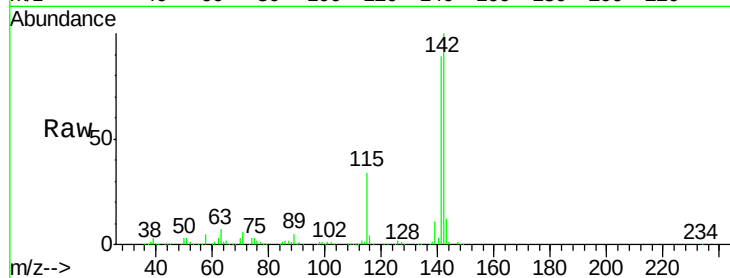
Tot Ion:142 Resp: 775586

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

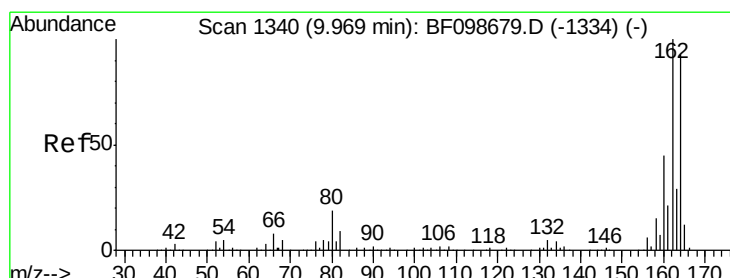
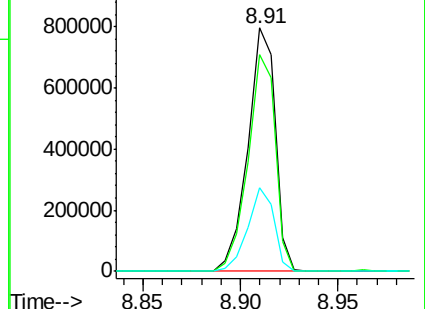
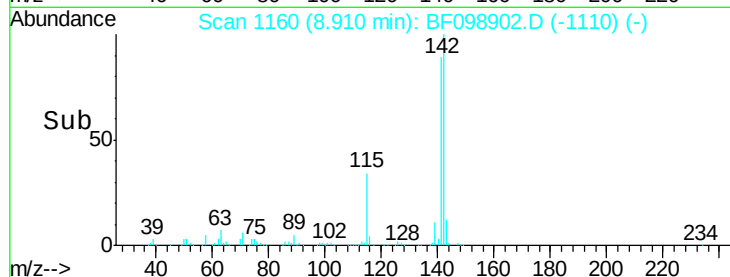
115 34.1 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

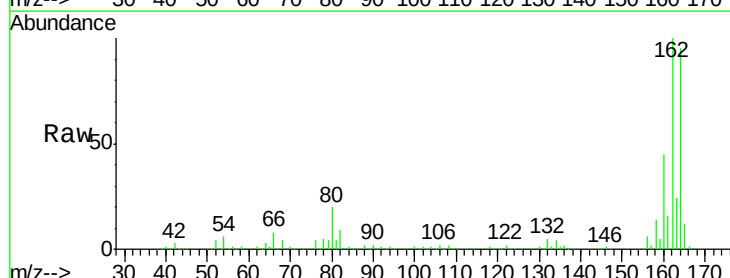
Tgt Ion:164 Resp: 271513

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

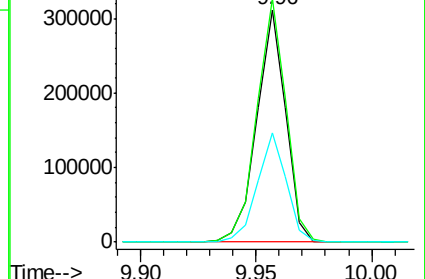
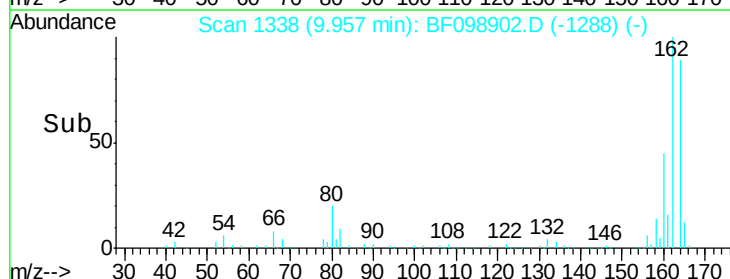
160 46.8 38.3 57.5

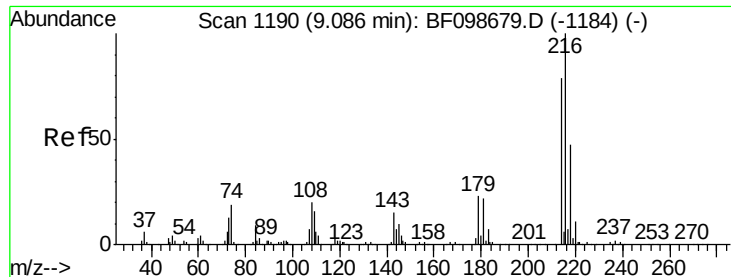


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.66 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 296821

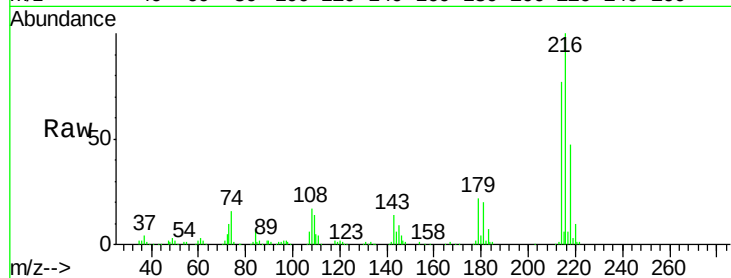
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.1 18.1 27.1

108 23.3 17.2 25.8

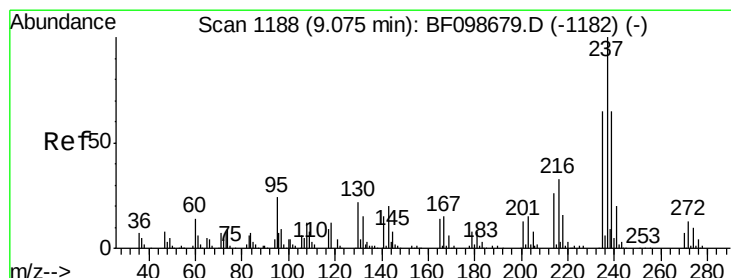
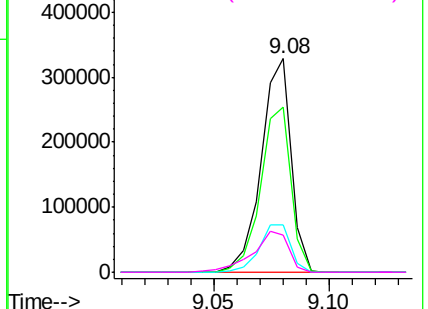
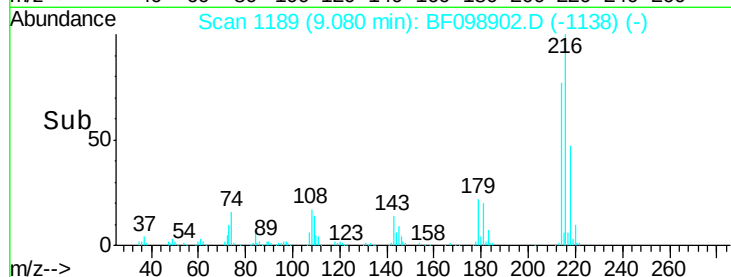


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.14 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

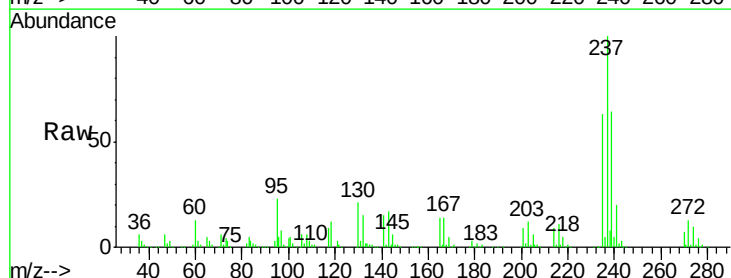
Tgt Ion:237 Resp: 278040

Ion Ratio Lower Upper

237 100

235 63.0 44.8 84.8

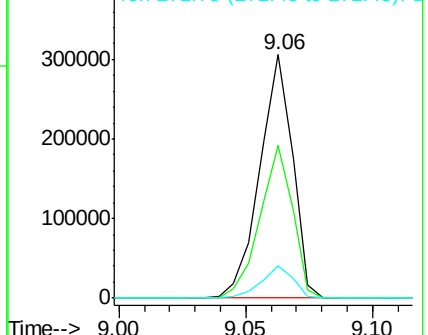
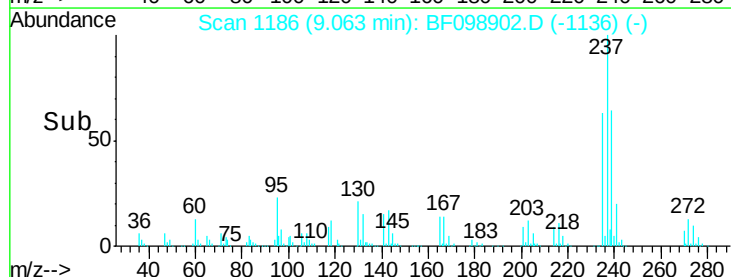
272 13.1 0.0 33.3

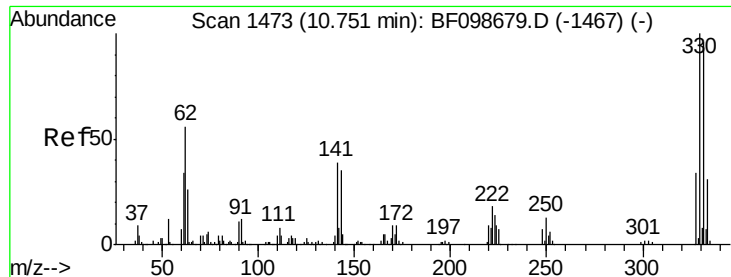


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

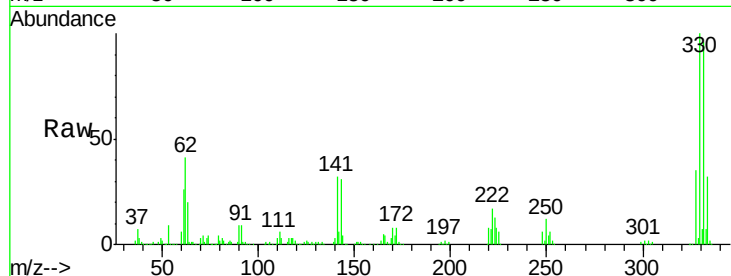




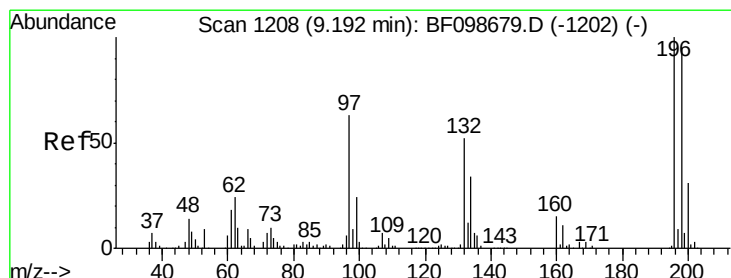
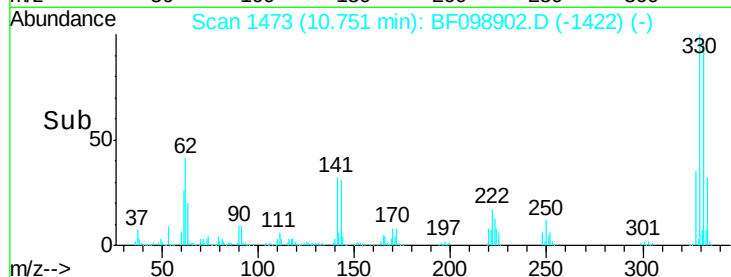
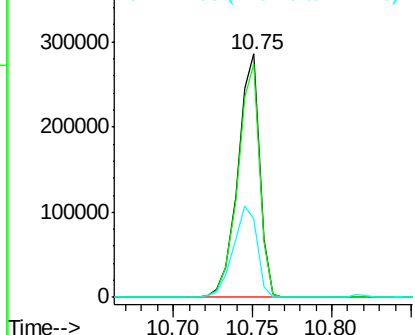
#41
 2,4,6-Tribromophenol
 Concen: 122.41 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	40.9	29.9	44.9

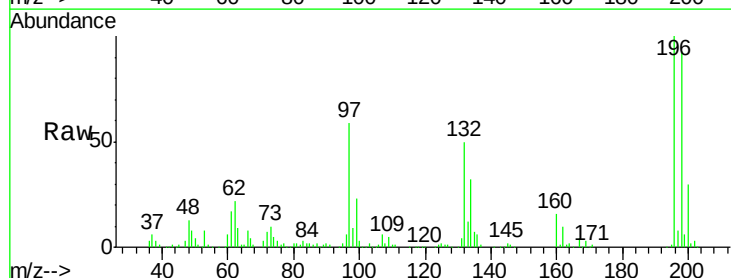


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

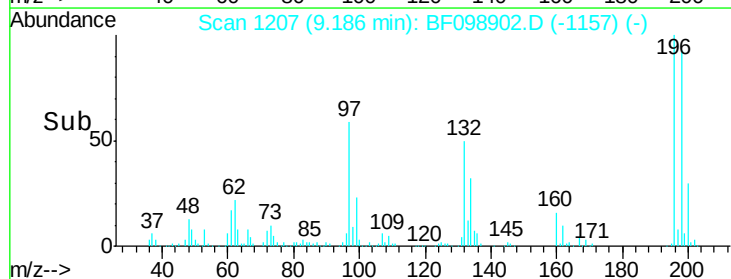
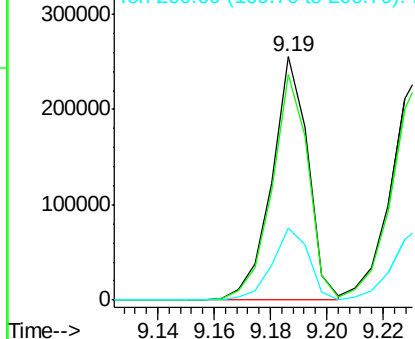


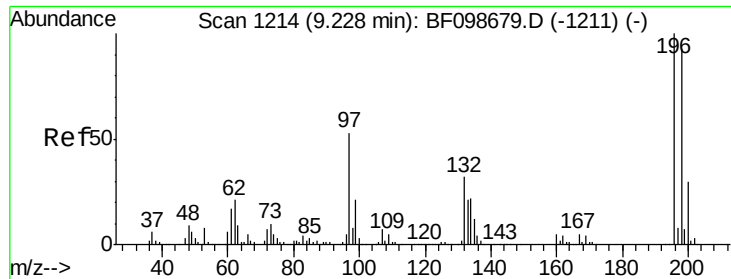
#42
 2,4,6-Trichlorophenol
 Concen: 39.39 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.9	75.7	113.5
200	29.7	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

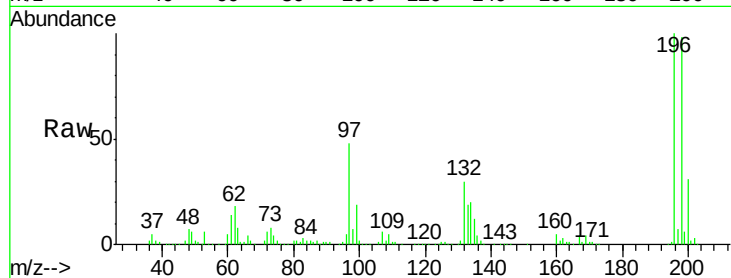




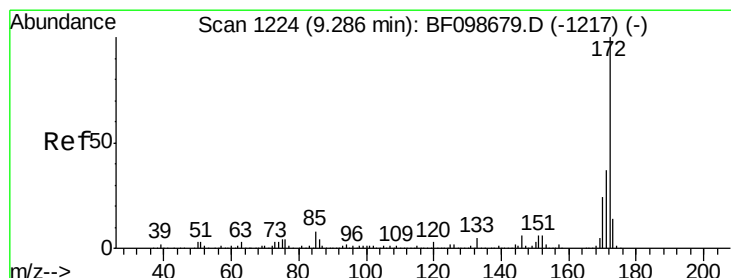
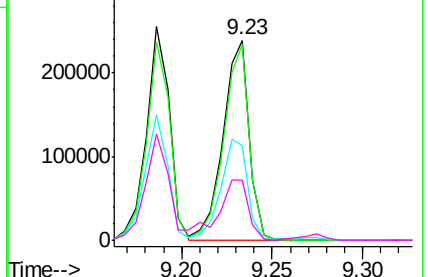
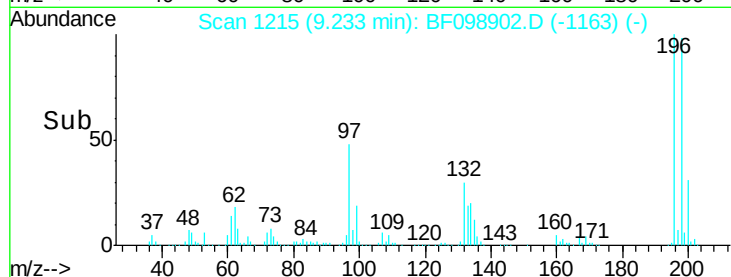
#43
 2,4,5-Trichlorophenol
 Concen: 41.95 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196	Resp:	240205
Ion Ratio	Lower	Upper
196	100	
198	98.0	74.6 112.0
97	47.6	42.9 64.3
132	30.0	26.3 39.5

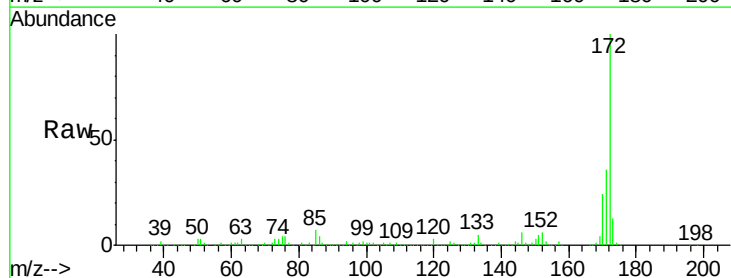


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

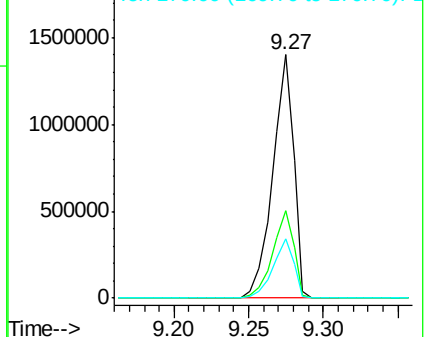
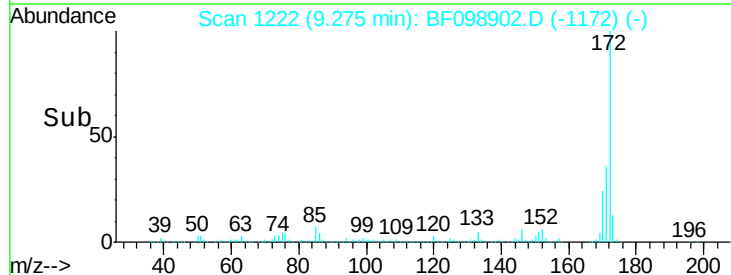


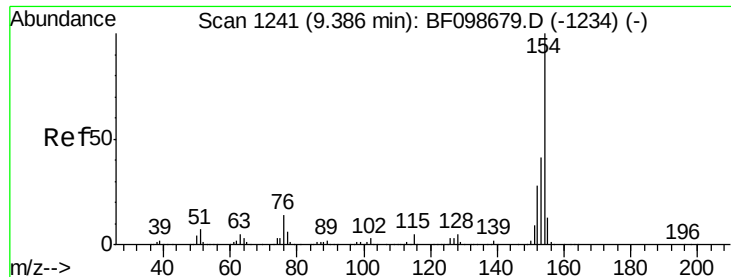
#44
 2-Fluorobiphenyl
 Concen: 83.60 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion:172	Resp:	1359686
Ion Ratio	Lower	Upper
172	100	
171	35.9	29.7 44.5
170	24.2	19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

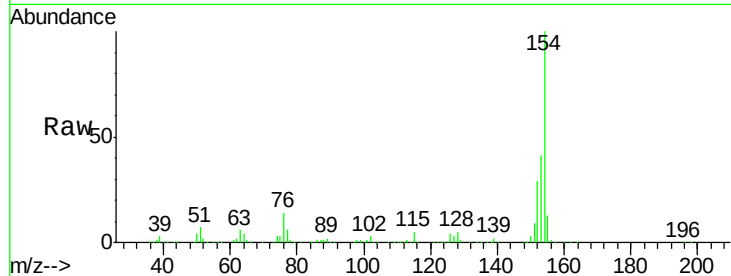




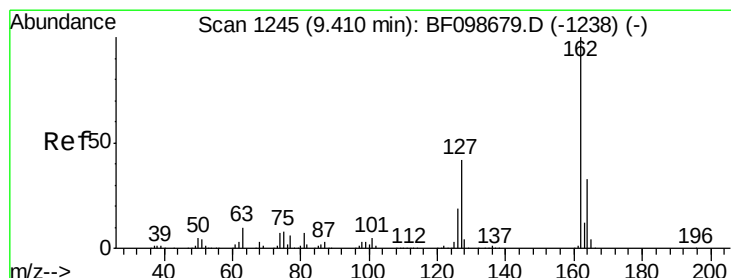
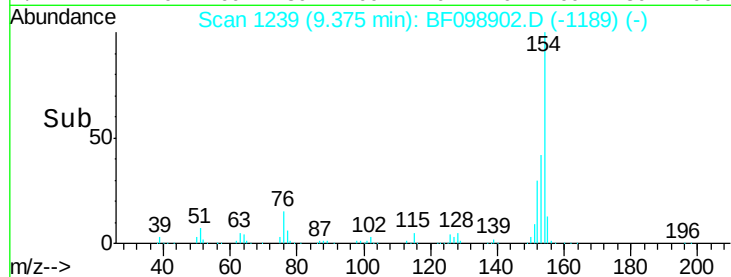
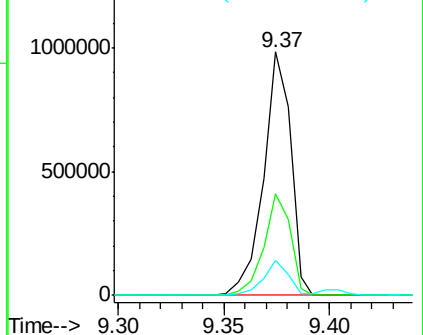
#45
1,1'-Biphenyl
Concen: 37.70 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.3	61.3
76	14.5	0.0	34.0

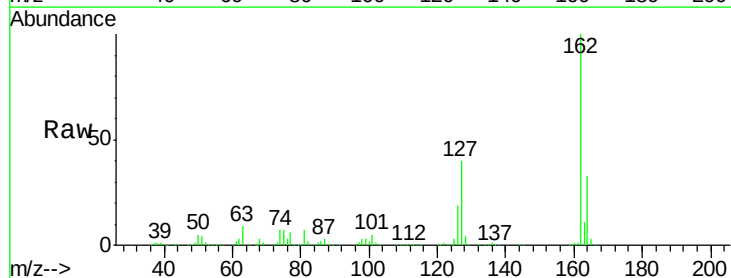


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

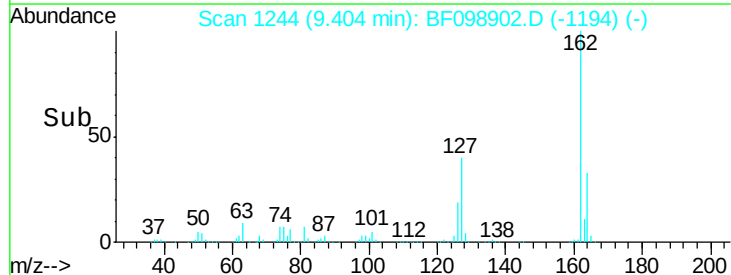
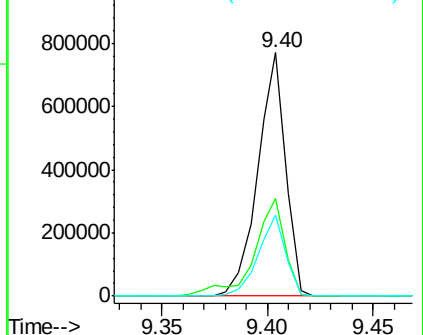


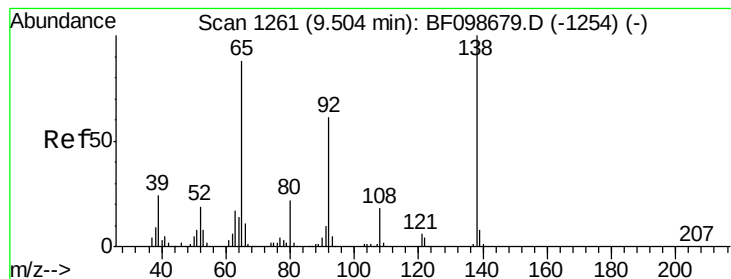
#46
2-Chloronaphthalene
Concen: 40.16 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	33.9	50.9
164	33.3	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.42 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampled :

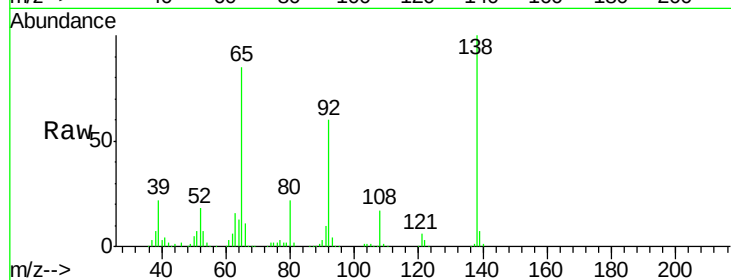
Tot Ion: 65 Resp: 238295

Ion Ratio Lower Upper

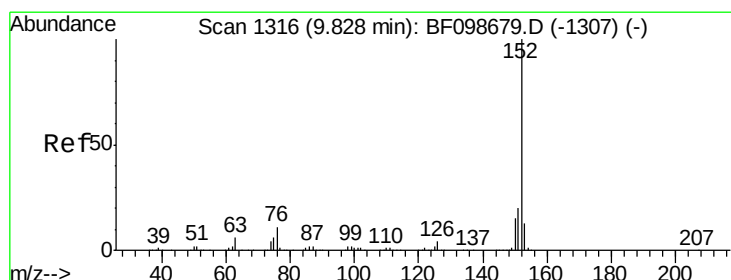
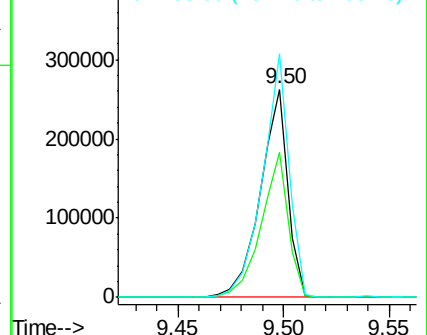
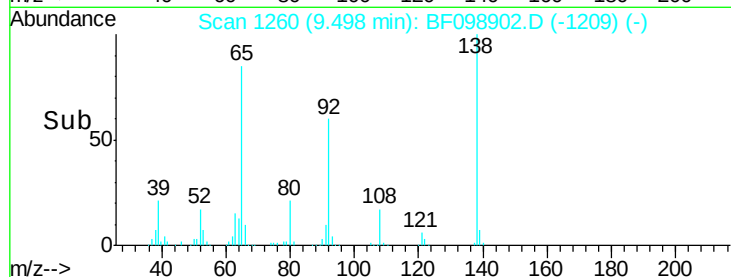
65 100

92 69.9 55.8 83.6

138 117.0 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 39.62 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

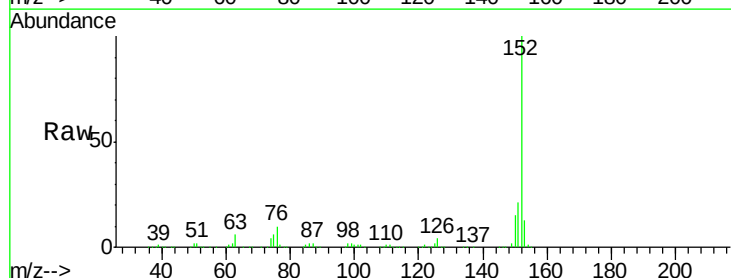
Tgt Ion: 152 Resp: 1062518

Ion Ratio Lower Upper

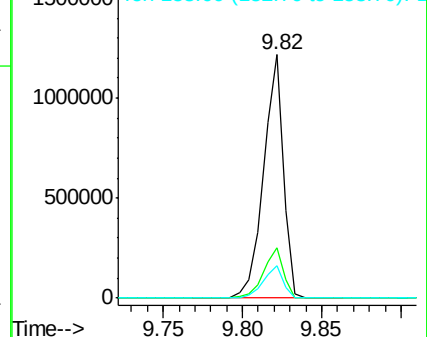
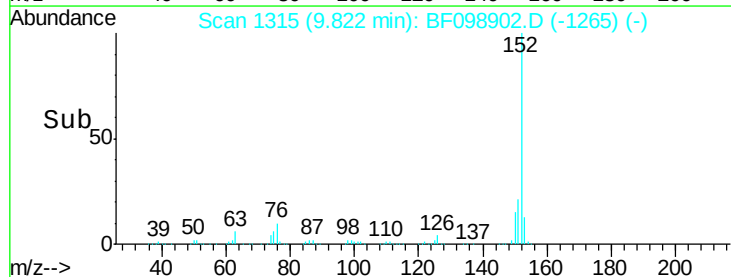
152 100

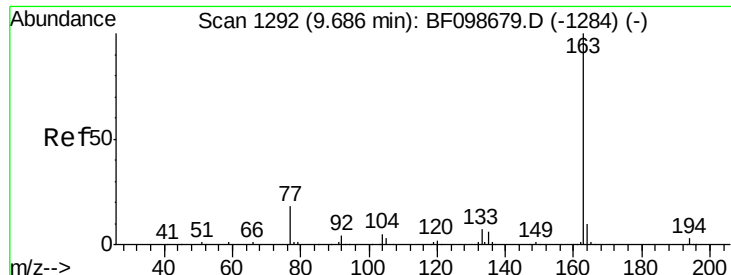
151 20.8 16.3 24.5

153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

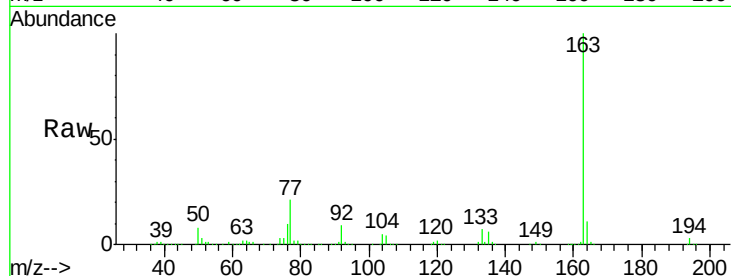




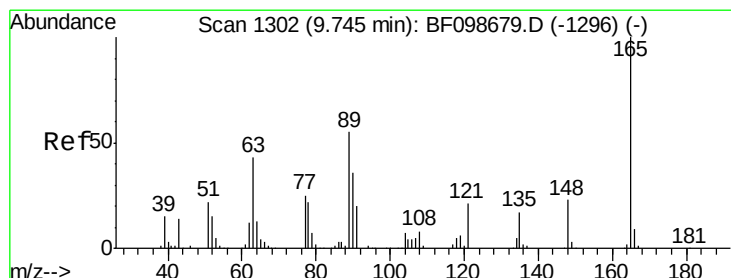
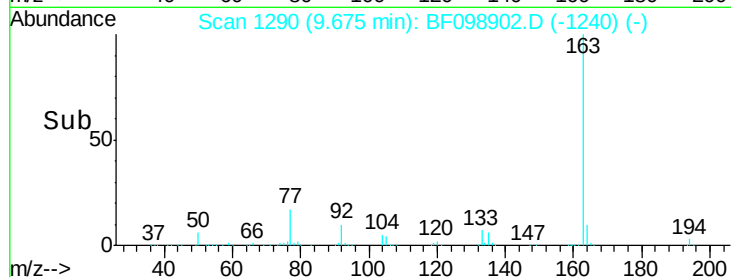
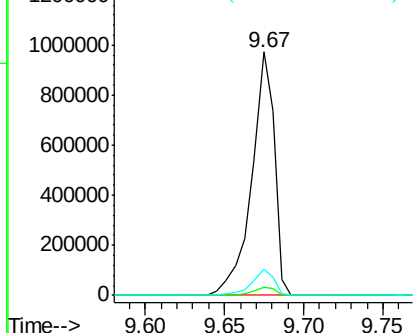
#49
Dimethylphthalate
Concen: 47.09 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 965058
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.7 8.2 12.2

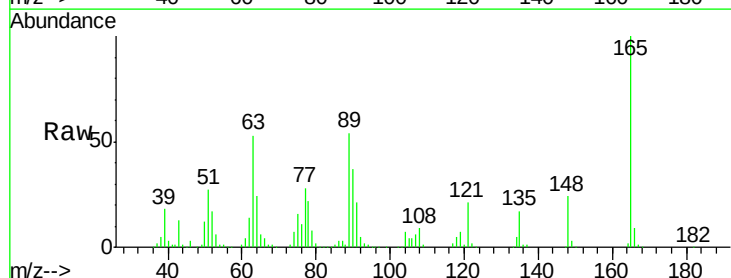


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

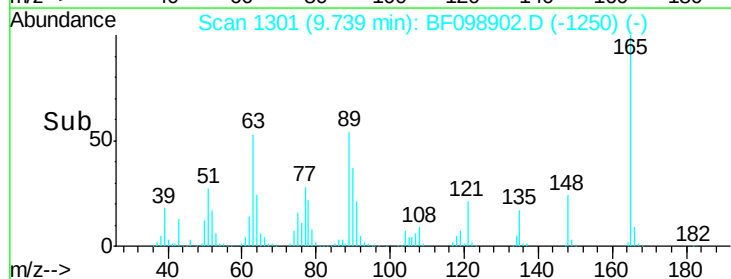
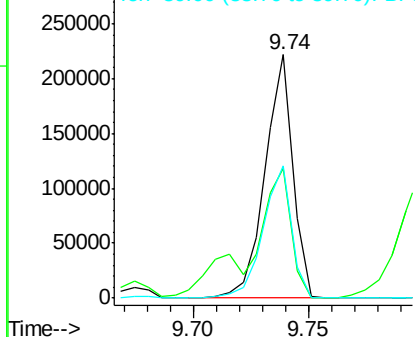


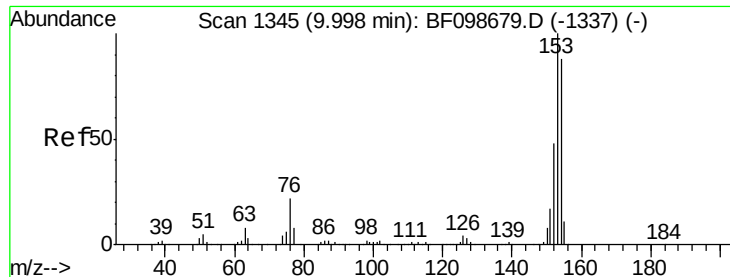
#50
2,6-Dinitrotoluene
Concen: 41.75 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion:165 Resp: 186251
Ion Ratio Lower Upper
165 100
63 53.3 44.7 67.1
89 54.5 44.0 66.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.28 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :

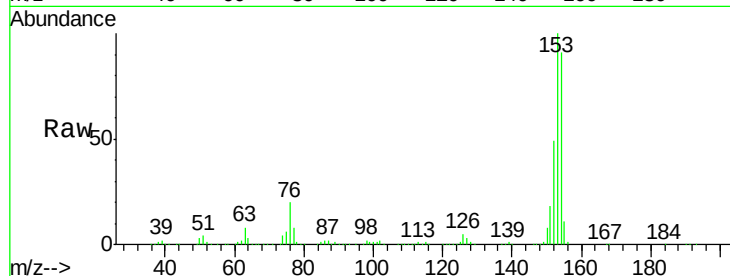
Tot Ion:154 Resp: 701344

Ion Ratio Lower Upper

154 100

153 110.3 91.2 136.8

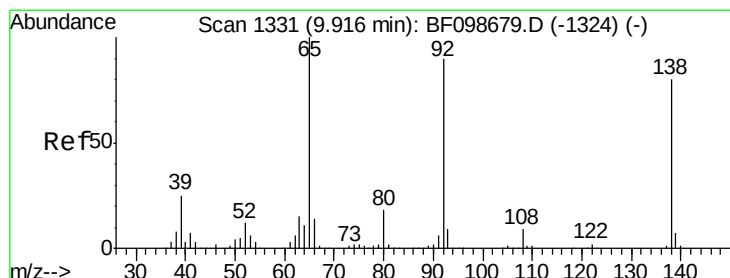
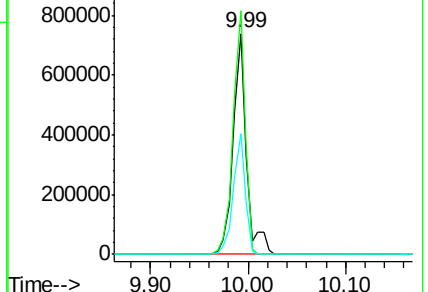
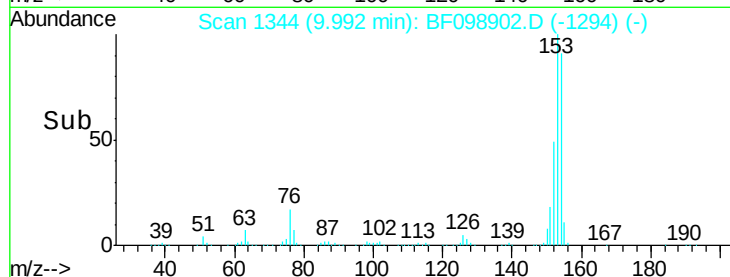
152 54.4 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.53 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

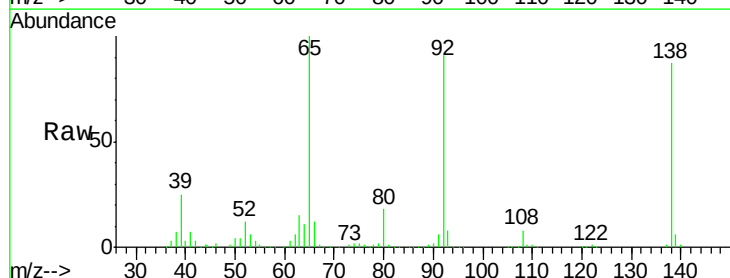
Tgt Ion:138 Resp: 195210

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

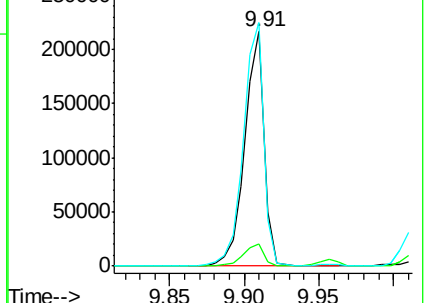
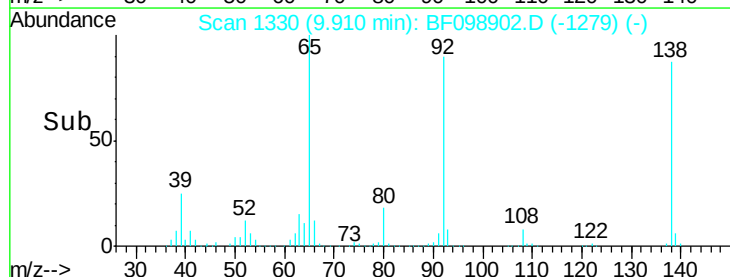
92 104.0 89.4 134.2

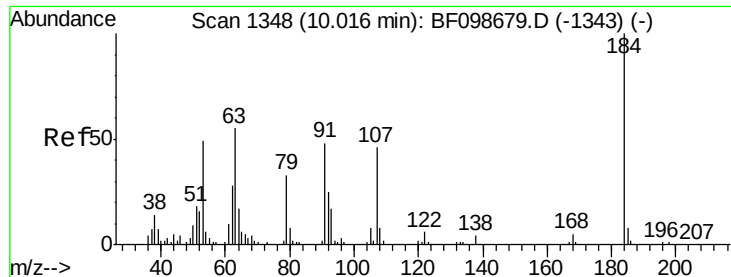


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

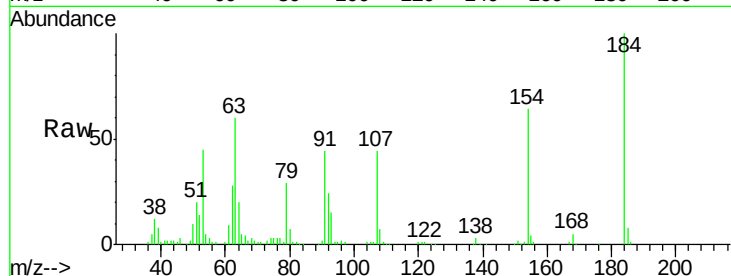




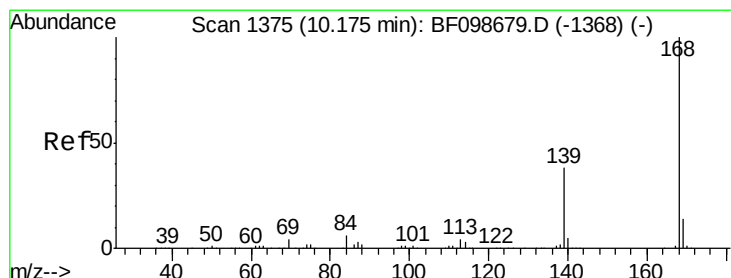
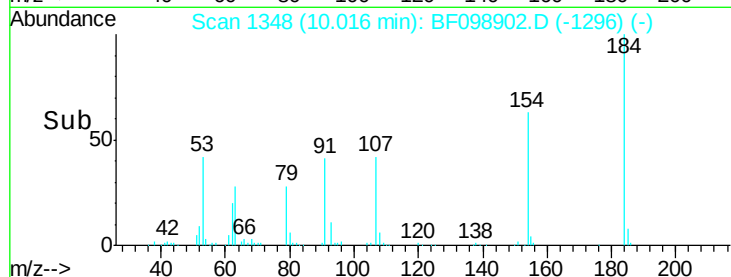
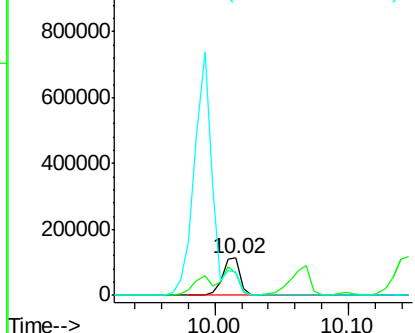
#53
2,4-Dinitrophenol
Concen: 48.33 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
184	100		
63	59.5	54.2	81.2
154	63.6	53.5	80.3

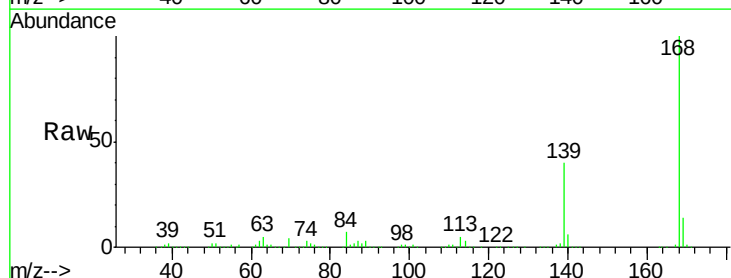


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

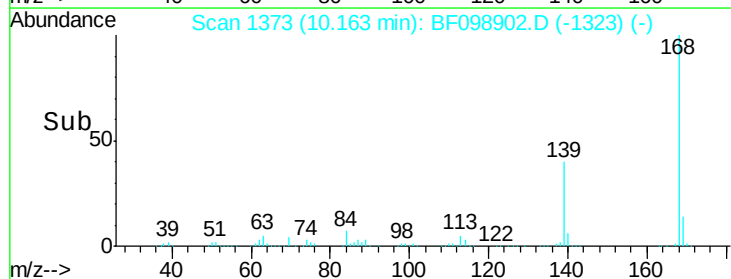
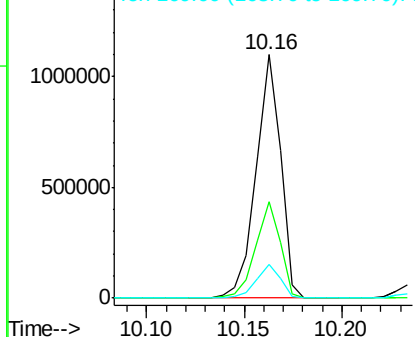


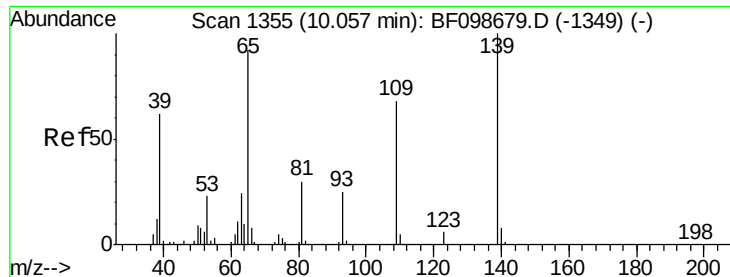
#54
Dibenzofuran
Concen: 42.39 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1
169	13.7	10.9	16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 79.63 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :

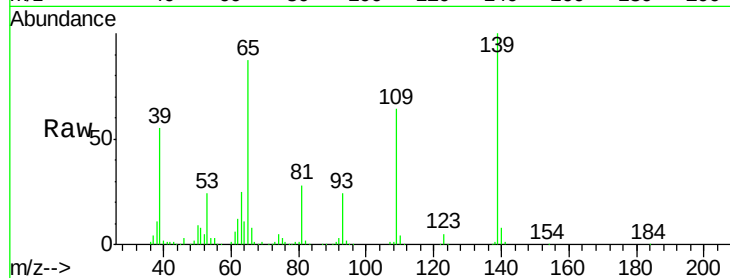
Tot Ion:139 Resp: 350242

Ion Ratio Lower Upper

139 100

109 64.1 48.4 88.4

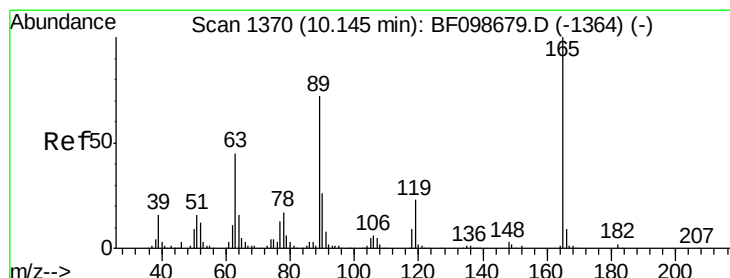
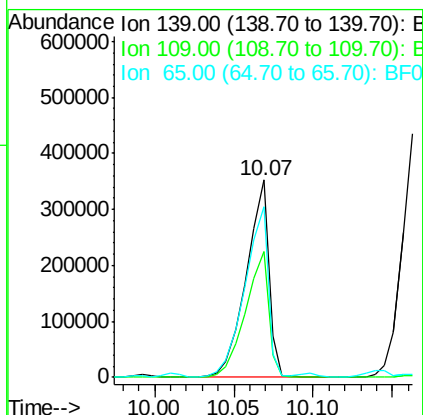
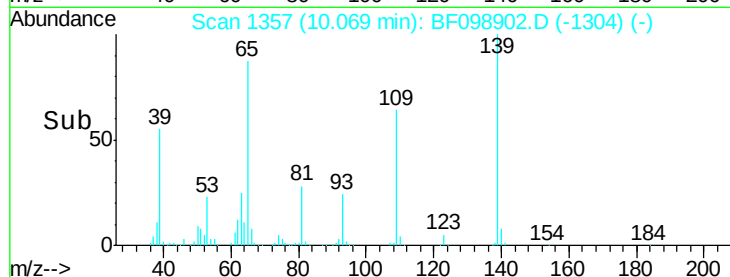
65 86.7 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 43.82 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Tgt Ion:165 Resp: 253711

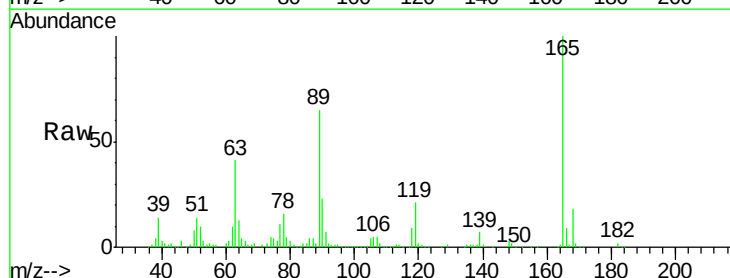
Ion Ratio Lower Upper

165 100

63 41.4 36.4 54.6

89 65.3 57.8 86.6

182 2.2 1.6 2.4

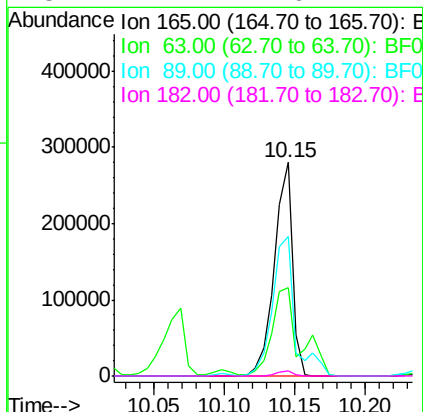
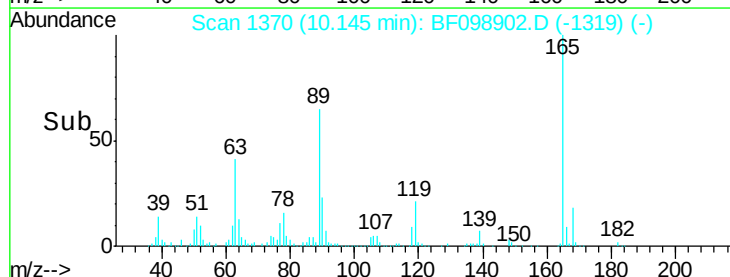


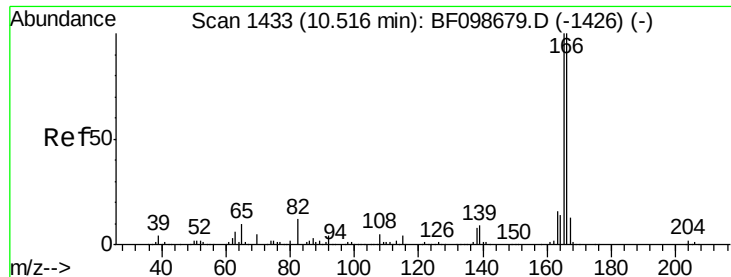
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

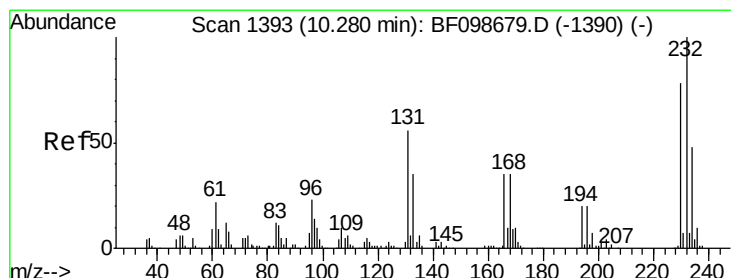
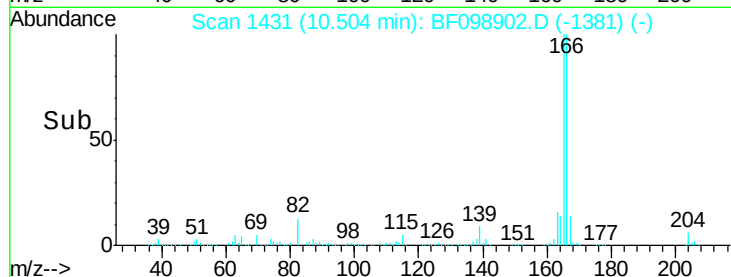
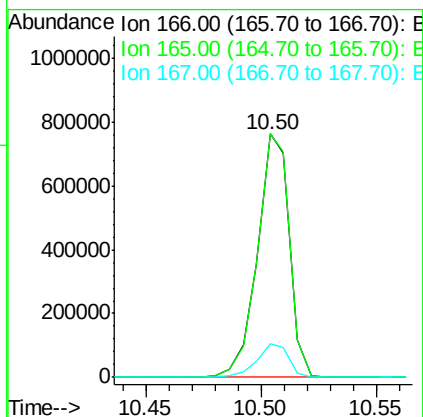
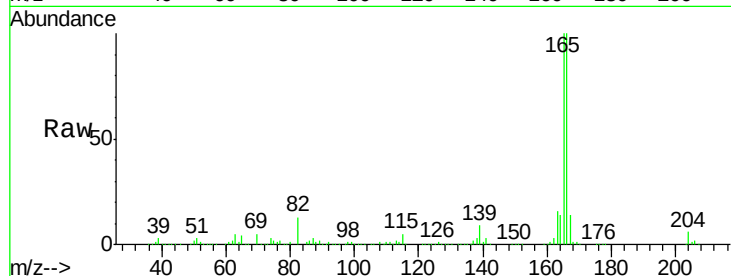




#57
 Fluorene
 Concen: 40.23 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

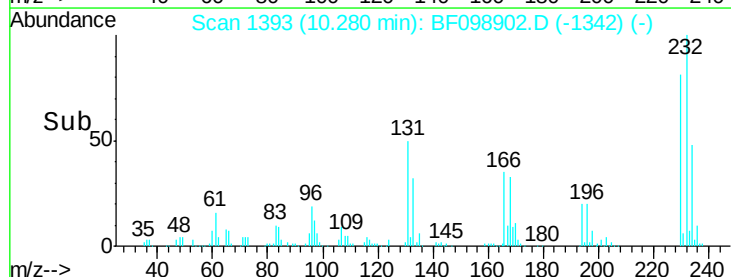
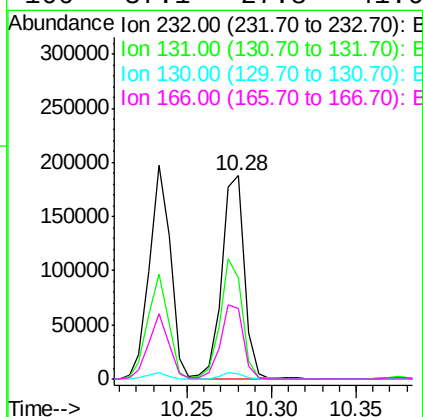
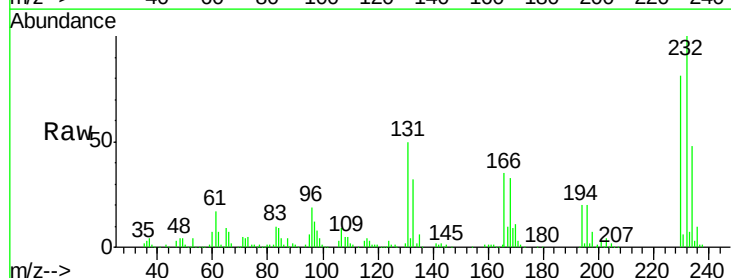
Instrument :
 BNA_F
 ClientSampled :

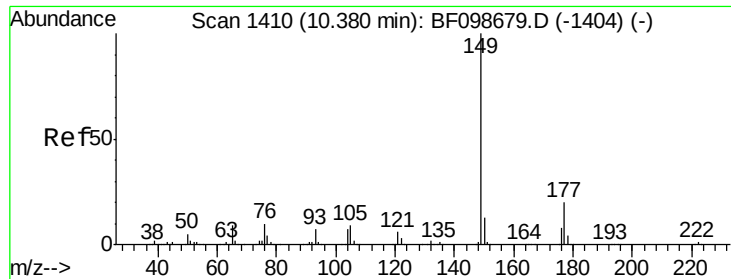
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.8	119.8
167	13.8	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.03 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.3	43.8	65.8
130	2.9	2.1	3.1
166	37.1	27.8	41.6

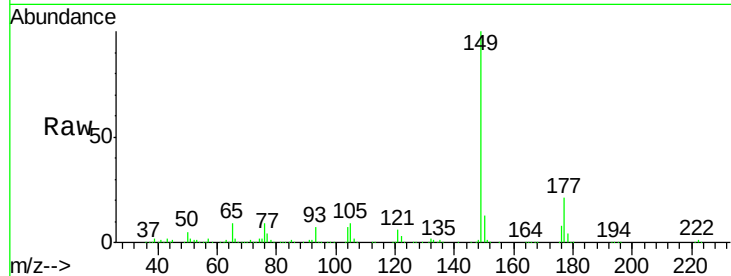




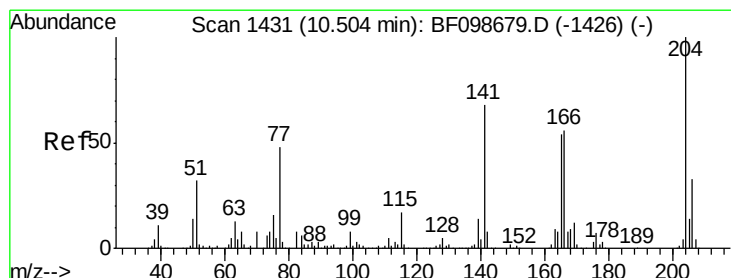
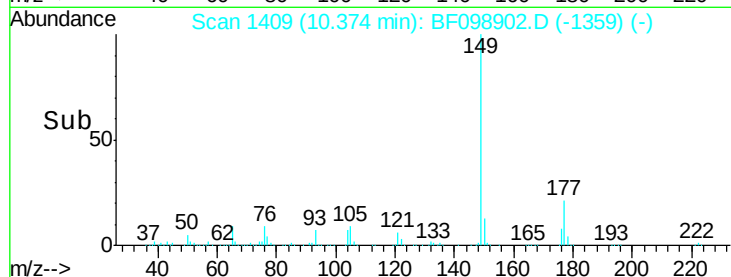
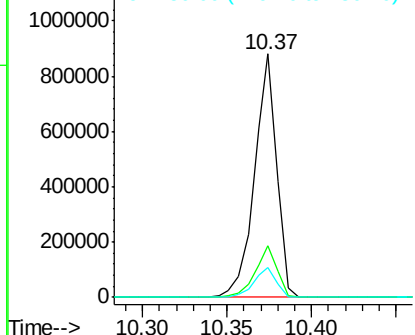
#59
Diethylphthalate
Concen: 40.14 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 803720
Ion Ratio Lower Upper
149 100
177 21.0 16.1 24.1
150 12.5 10.1 15.1

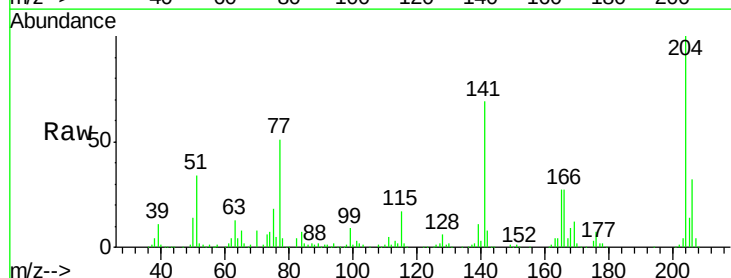


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

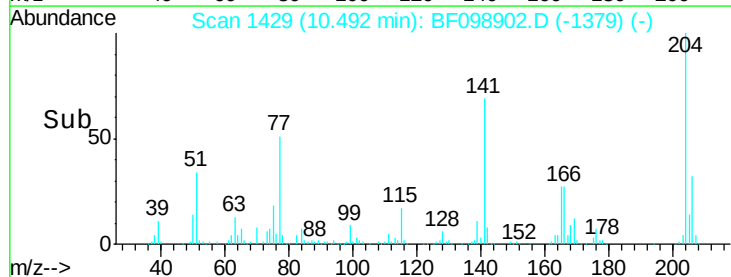
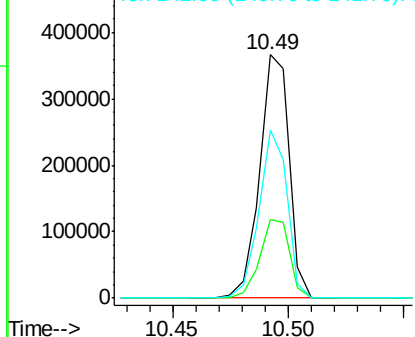


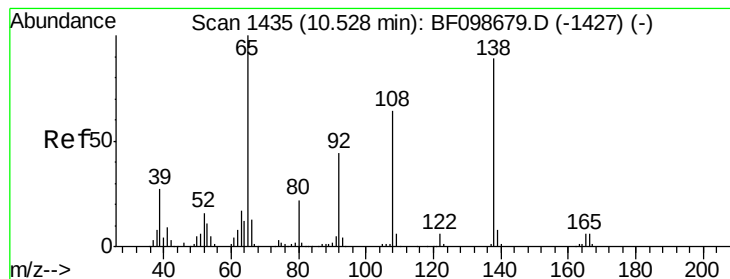
#60
4-Chlorophenyl-phenylether
Concen: 39.96 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion:204 Resp: 326398
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 69.2 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.07 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.00 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampled :

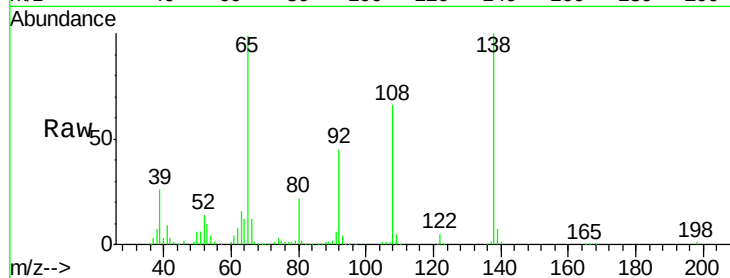
Tot Ion:138 Resp: 211139

Ion Ratio Lower Upper

138 100

92 45.4 30.2 70.2

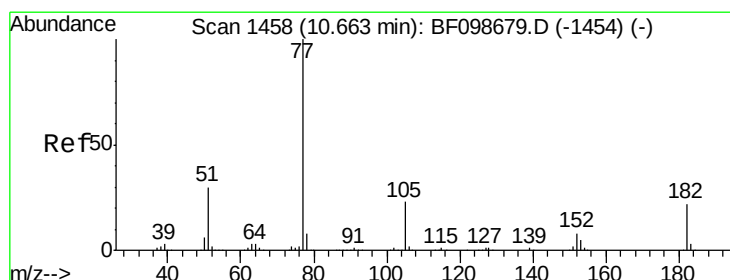
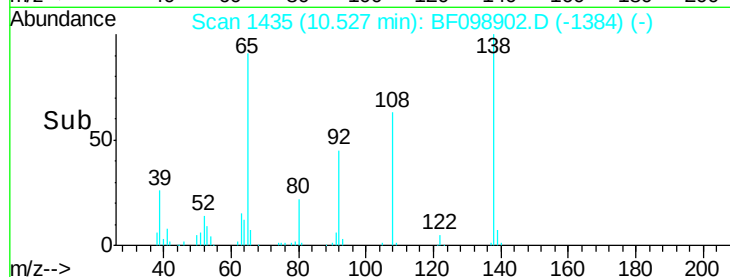
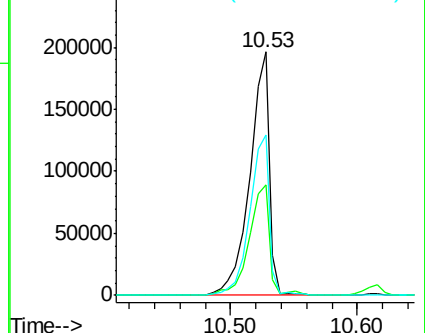
108 65.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.46 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Tgt Ion: 77 Resp: 800187

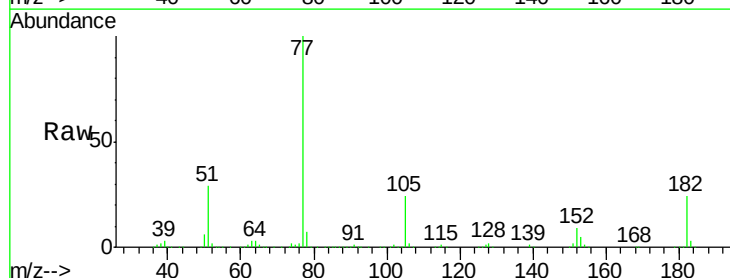
Ion Ratio Lower Upper

77 100

182 24.1 1.7 41.7

105 24.2 3.0 43.0

51 29.3 9.9 49.9

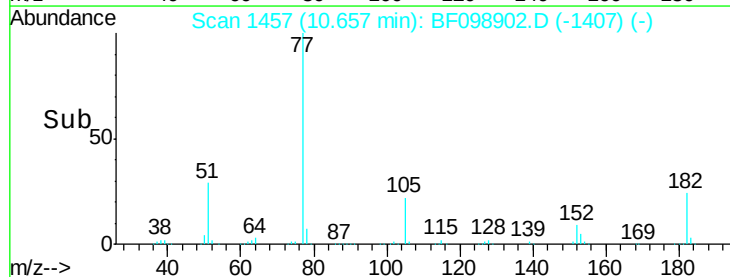
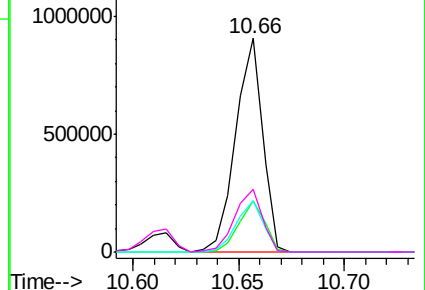


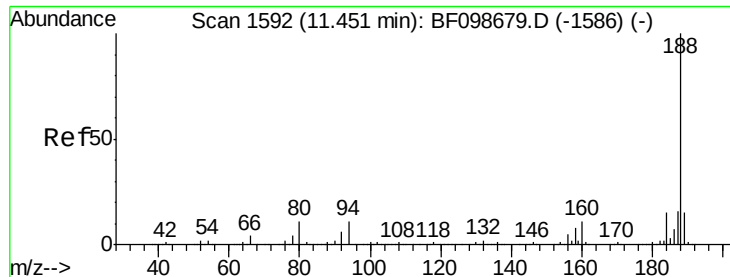
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

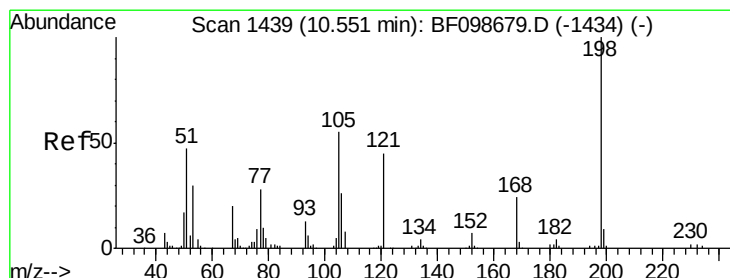
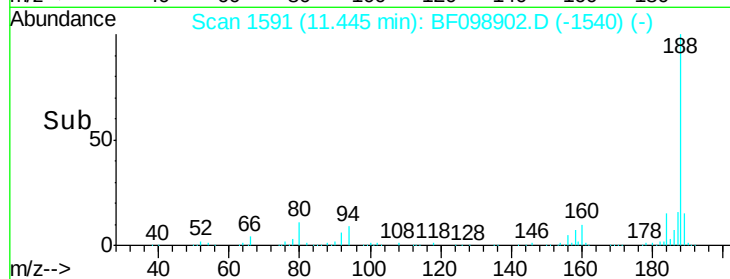
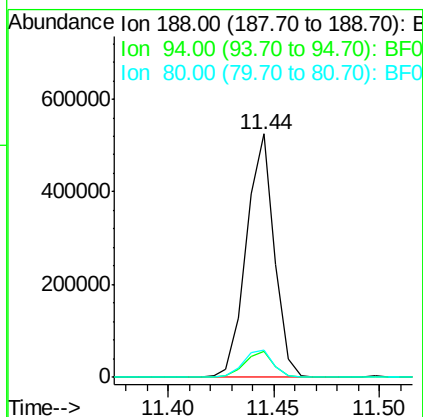
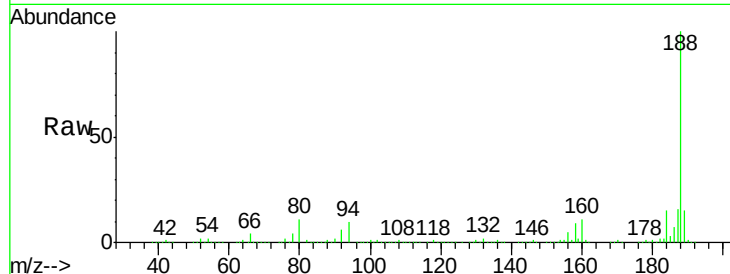




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

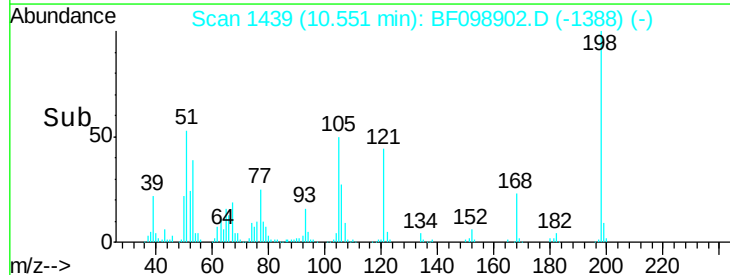
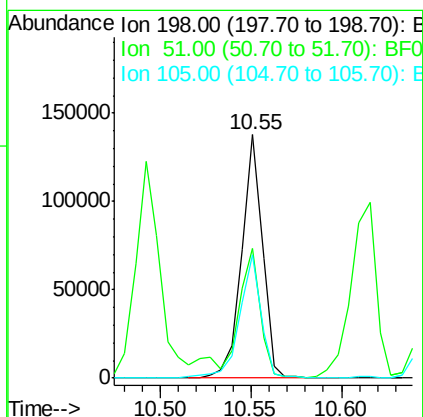
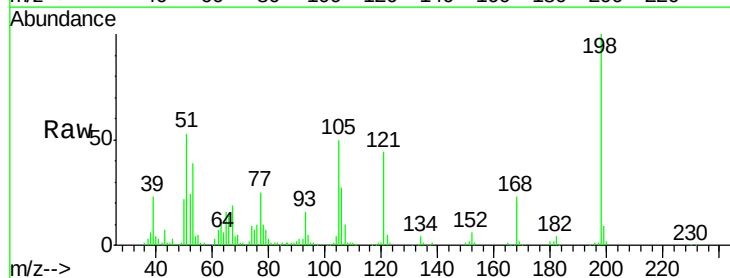
Instrument :
BNA_F
ClientSampleId :

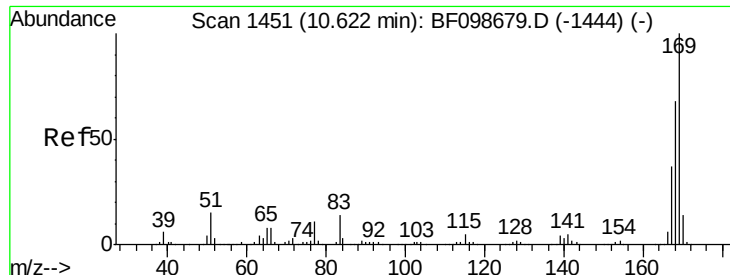
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.2	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 37.92 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
198	100		
51	53.1	37.7	77.7
105	50.5	36.3	76.3

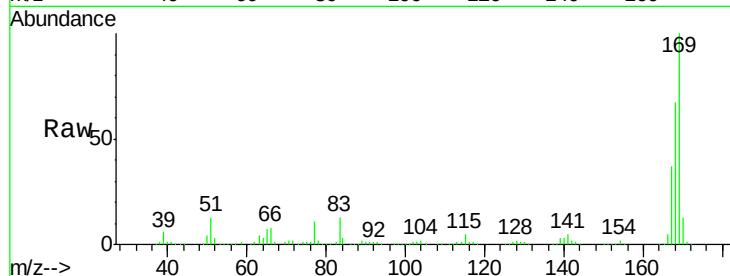




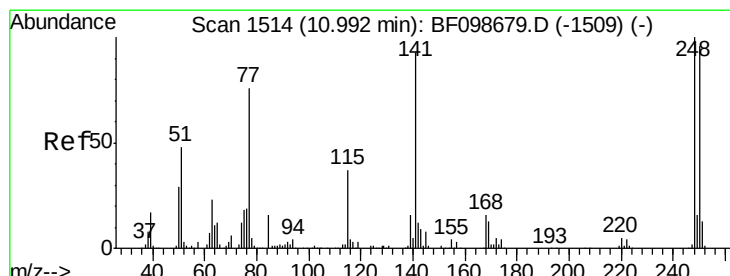
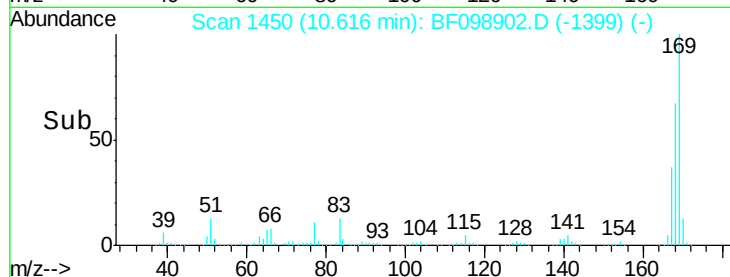
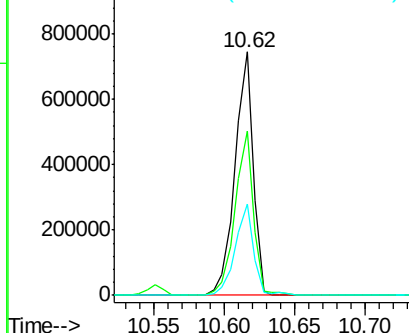
#65
 n-Nitrosodiphenylamine
 Concen: 40.47 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	169	Resp	671025
Ion Ratio	100		
Lower	54.4		
Upper	81.6		
168	67.5		
167	37.3		

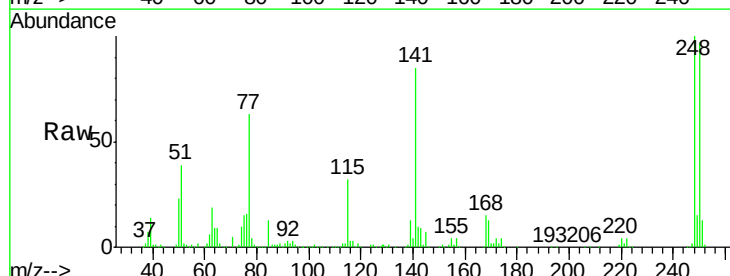


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

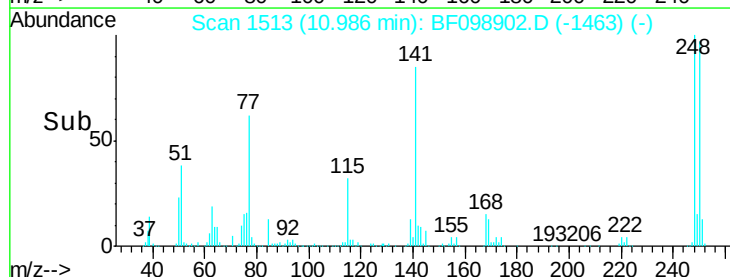
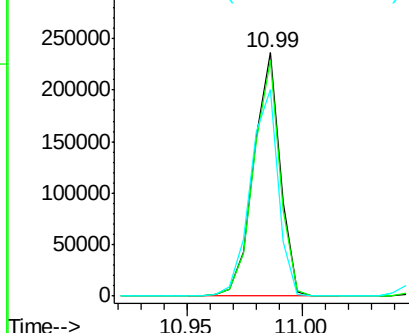


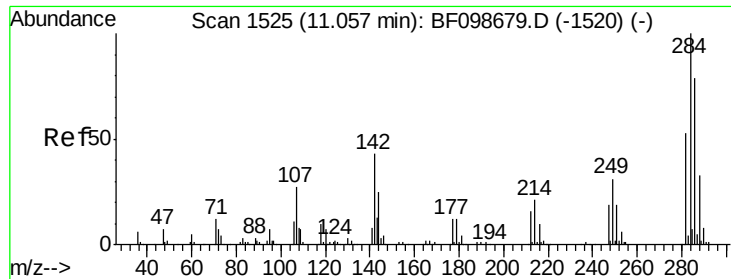
#66
 4-Bromophenyl-phenylether
 Concen: 40.47 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion	248	Resp	189620
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	76.9		
Upper	115.3		
250	96.8		
141	85.0		



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

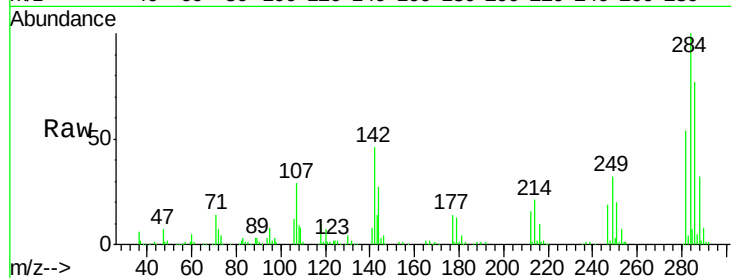




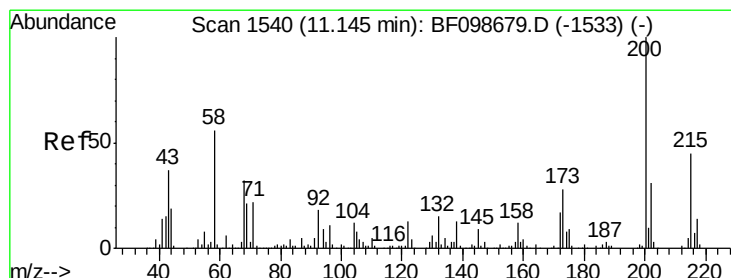
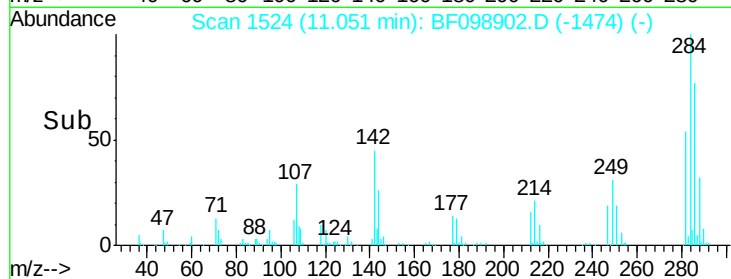
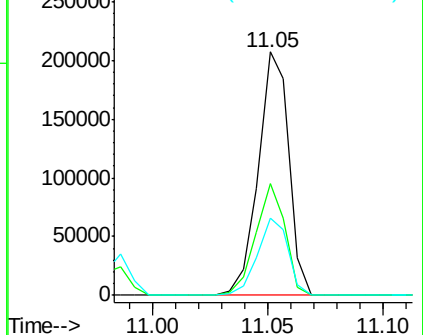
#67
Hexachlorobenzene
Concen: 38.20 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 191138
Ion Ratio Lower Upper
284 100
142 46.1 34.6 52.0
249 31.7 24.8 37.2

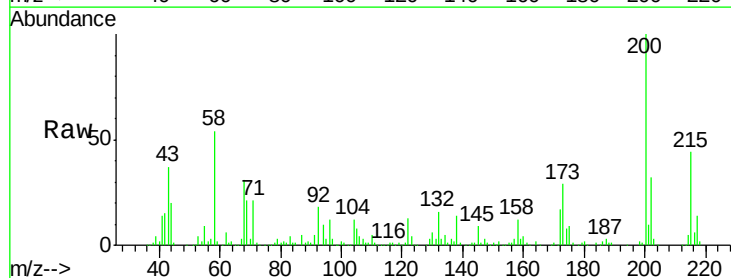


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

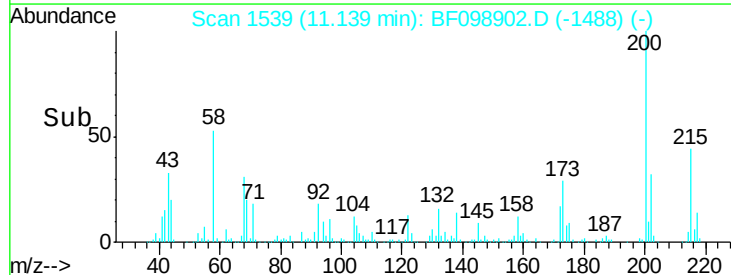
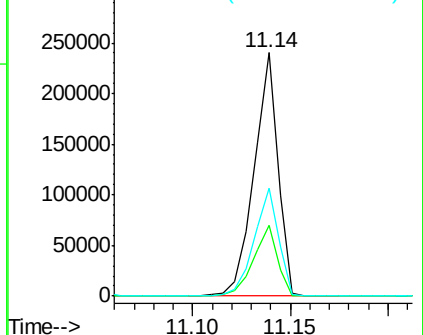


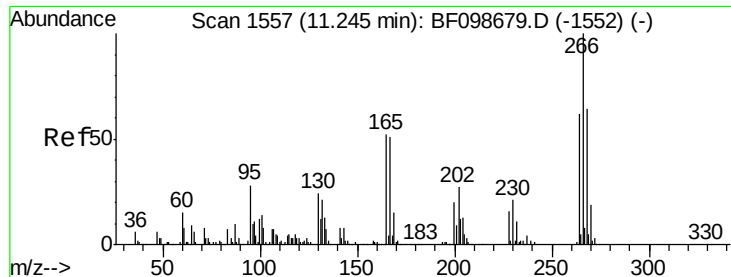
#68
Atrazine
Concen: 40.90 ng
RT: 11.14 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion:200 Resp: 204043
Ion Ratio Lower Upper
200 100
173 28.8 8.6 48.6
215 44.2 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 68.04 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :

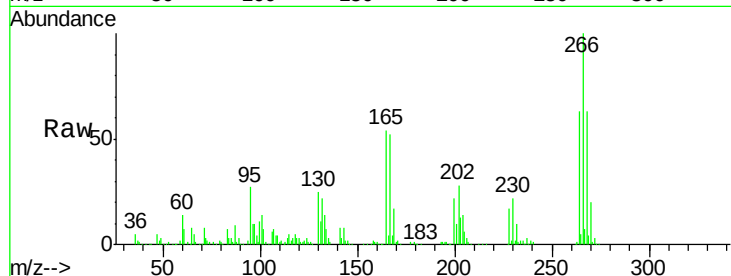
Tot Ion:266 Resp: 211916

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

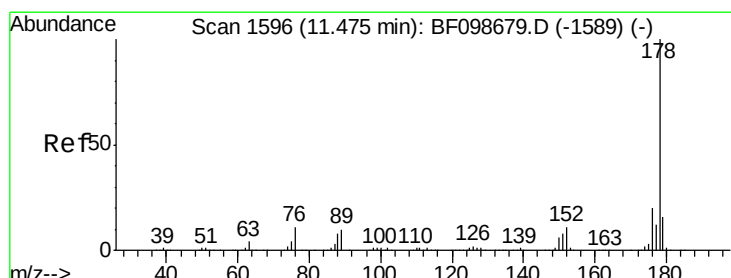
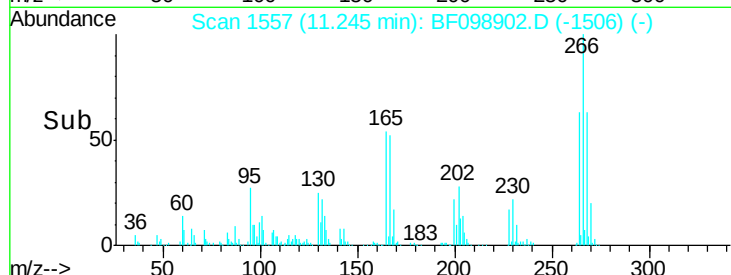
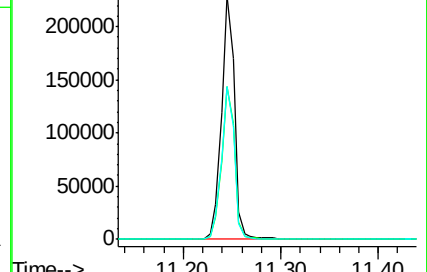
264 62.7 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.45 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

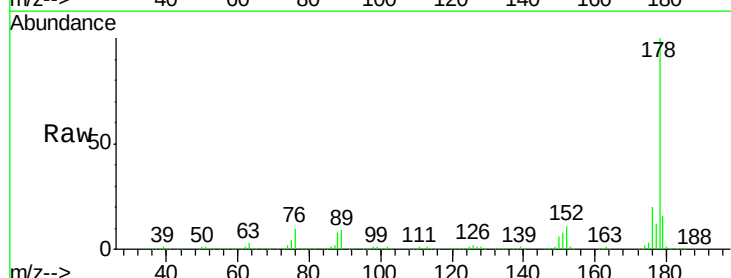
Tgt Ion:178 Resp: 1061958

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

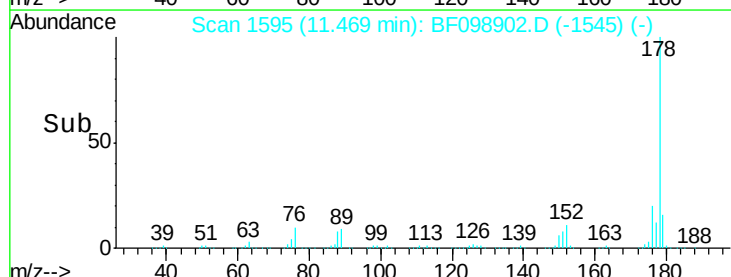
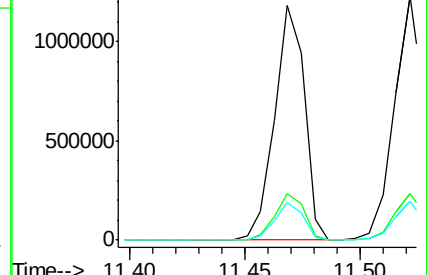
179 15.8 13.0 19.6

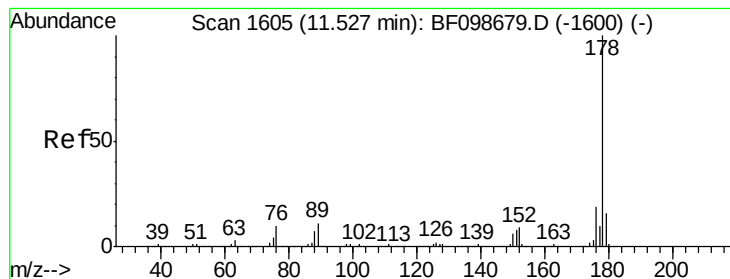


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.46 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :

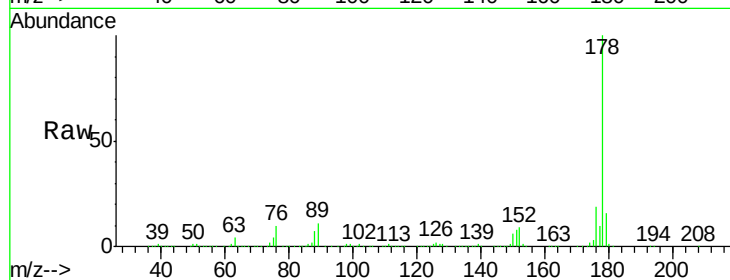
Tot Ion:178 Resp: 1086797

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

178 100

176 19.2 15.4 23.2

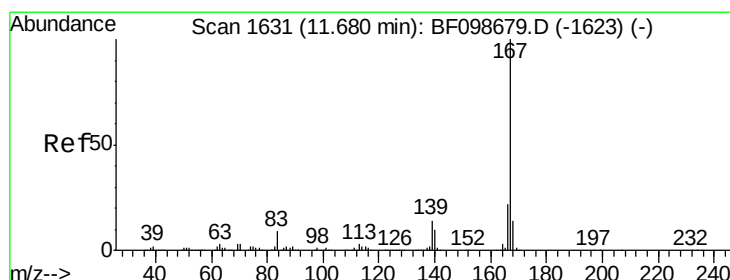
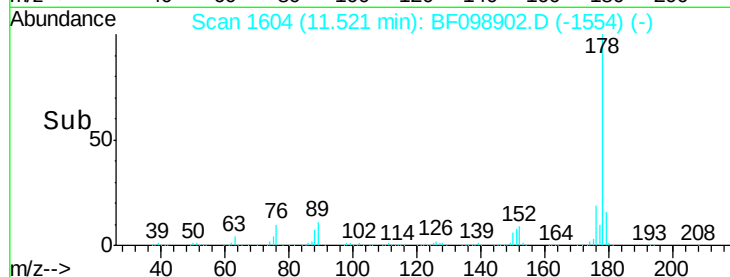
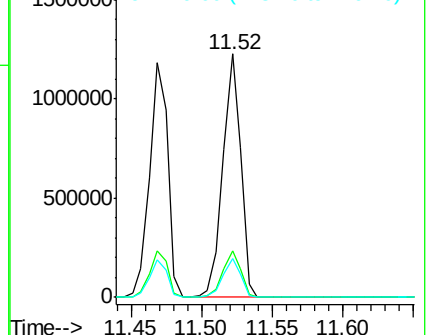
179 15.8 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.23 ng

RT: 11.67 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

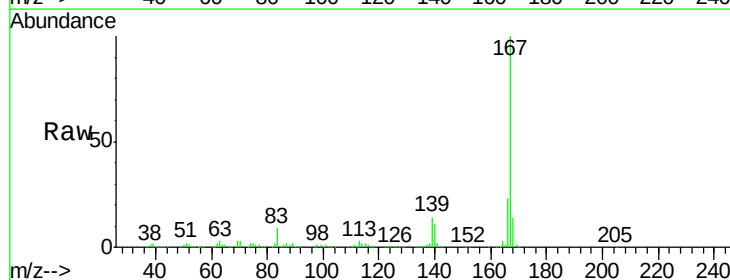
Tgt Ion:167 Resp: 1007259

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	14.2	10.9	16.3

167 100

166 22.6 17.6 26.4

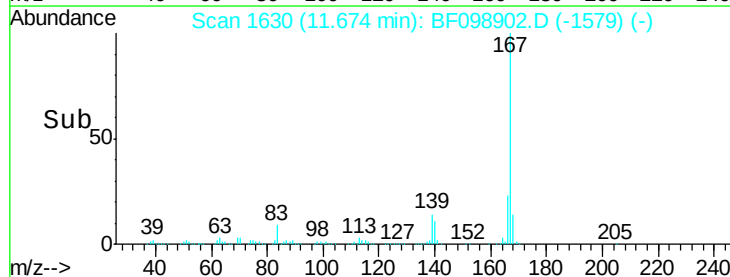
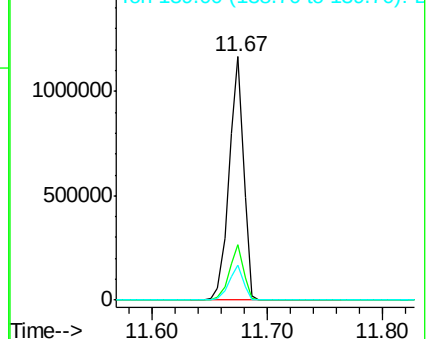
139 14.2 10.9 16.3

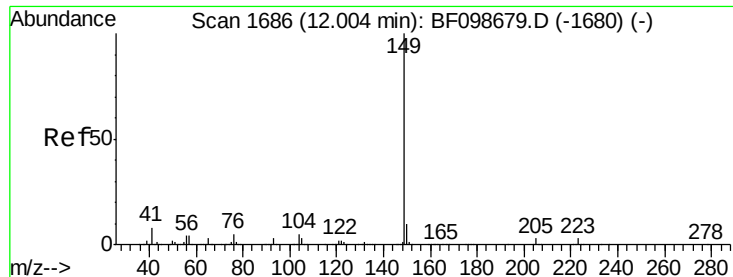


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.32 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :

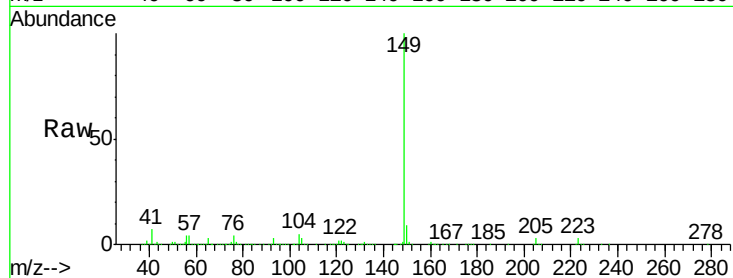
Tot Ion:149 Resp: 1245792

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

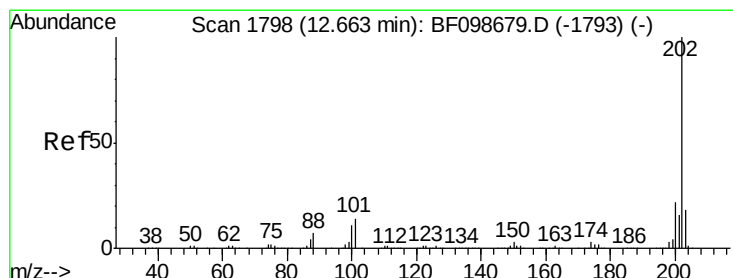
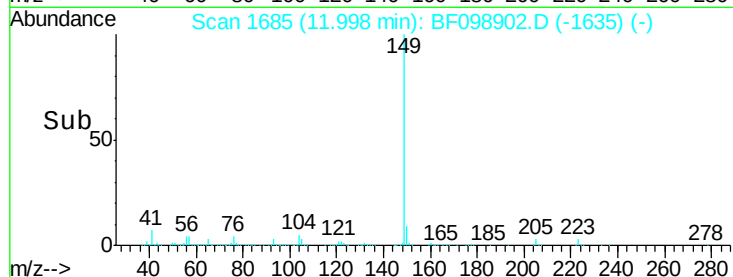
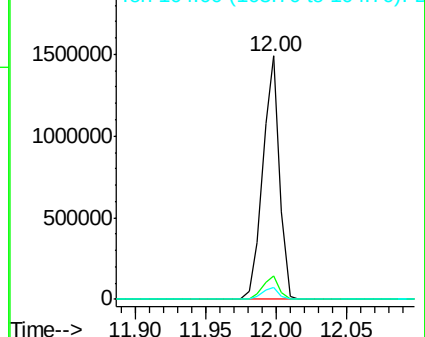
104 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.28 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

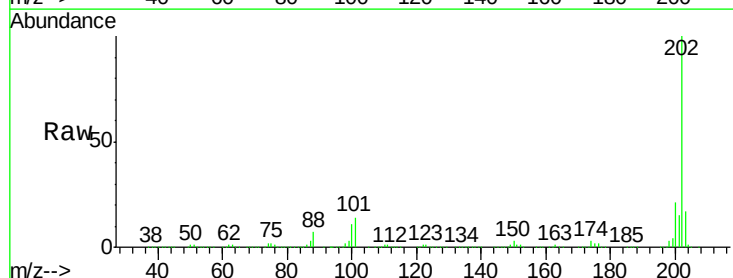
Tgt Ion:202 Resp: 1019247

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

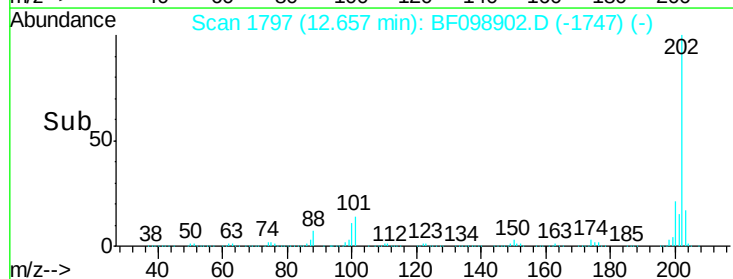
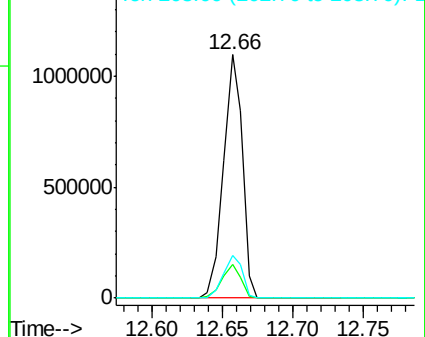
203 17.5 0.0 38.1

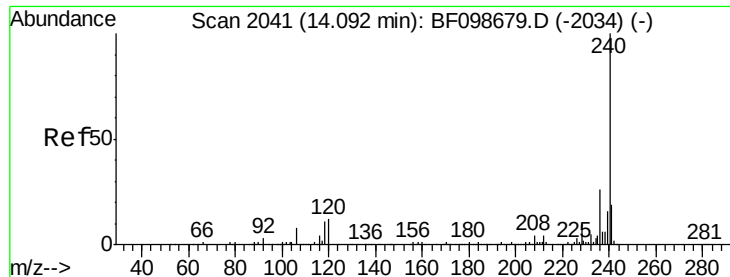


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :

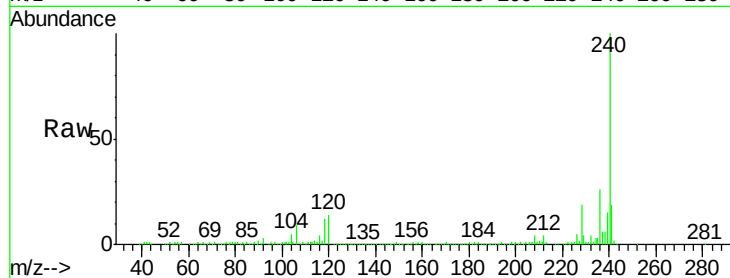
Tot Ion:240 Resp: 270515

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

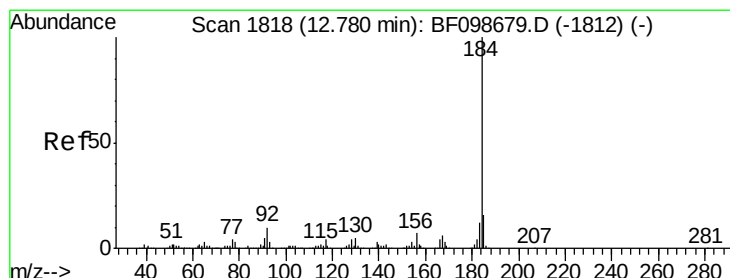
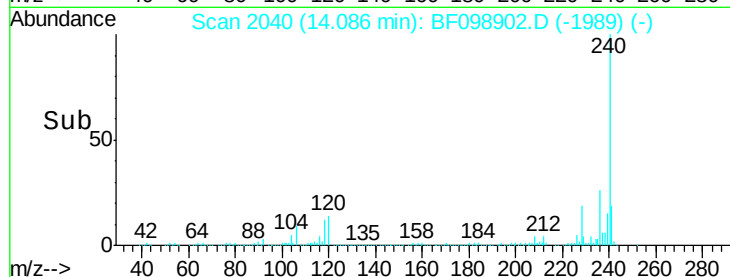
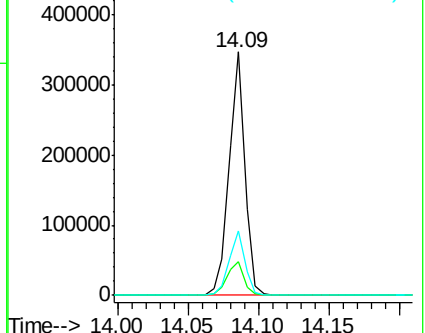
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.93 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

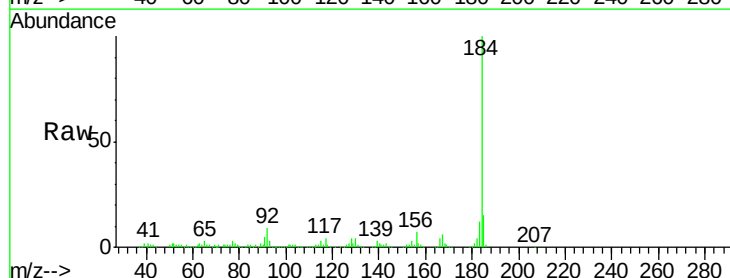
Tgt Ion:184 Resp: 339453

Ion Ratio Lower Upper

184 100

185 14.6 12.6 18.8

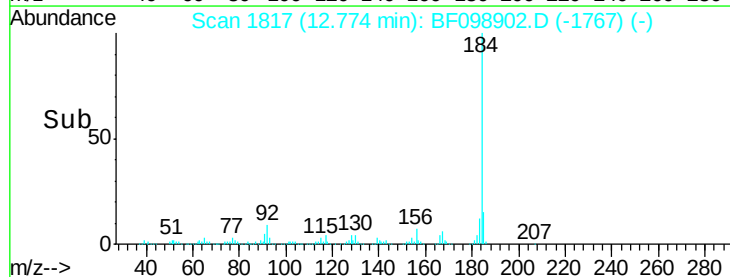
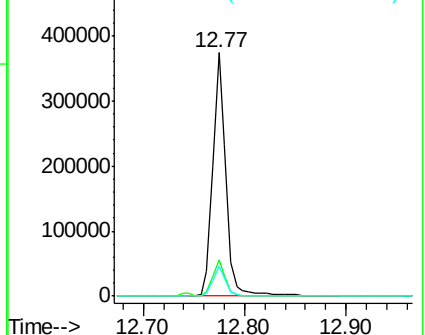
183 12.4 9.3 13.9

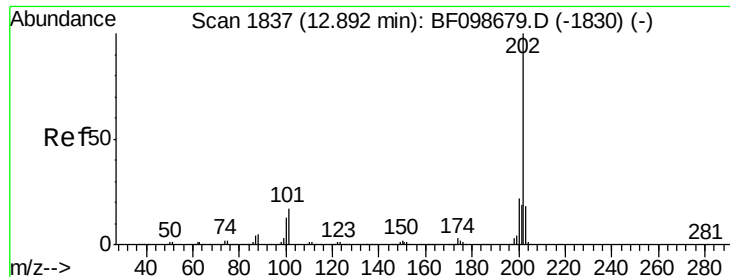


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 49.71 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :

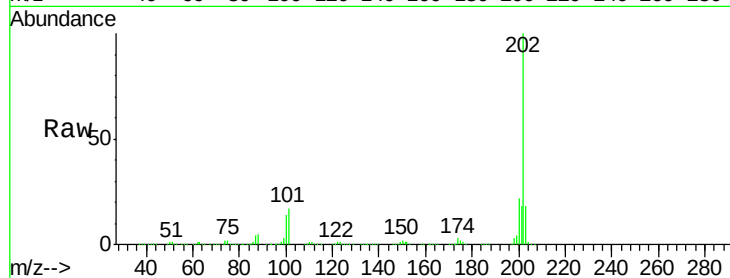
Tot Ion:202 Resp: 1025339

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

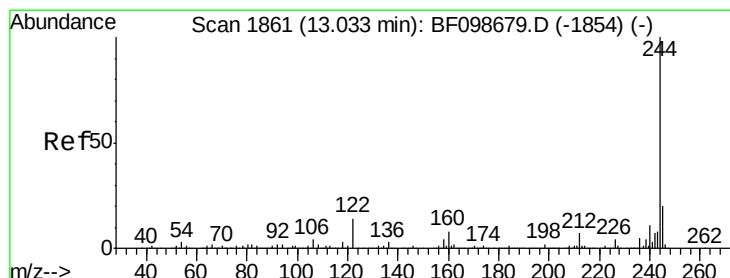
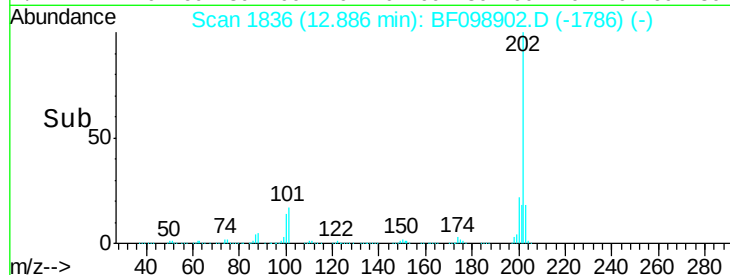
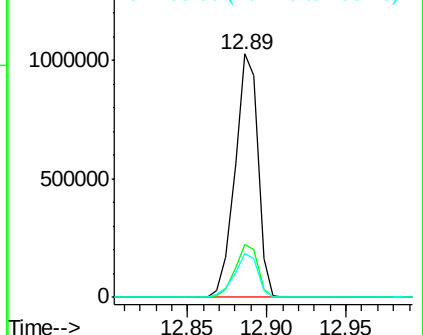
203 17.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.52 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

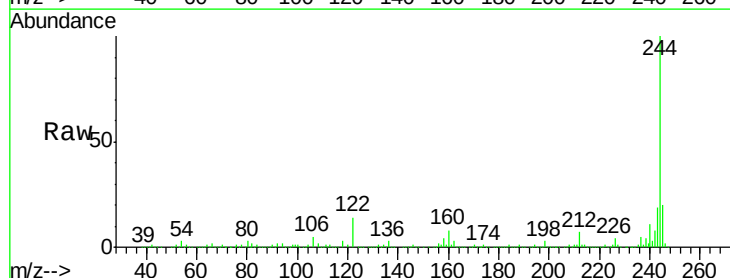
Tgt Ion:244 Resp: 1136199

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

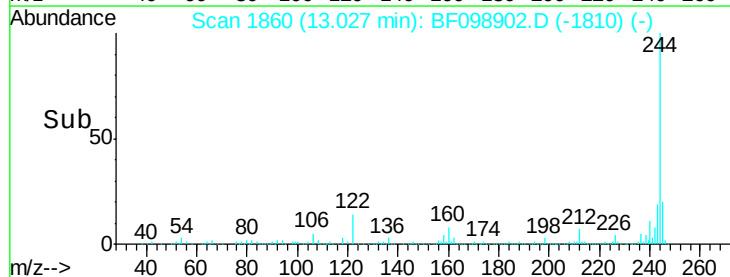
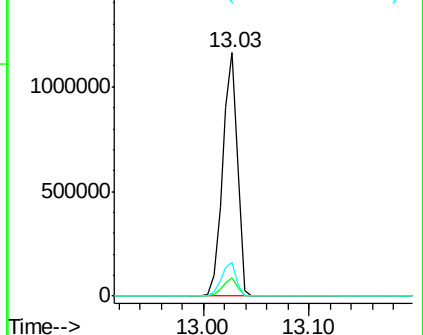
122 13.7 11.0 16.4

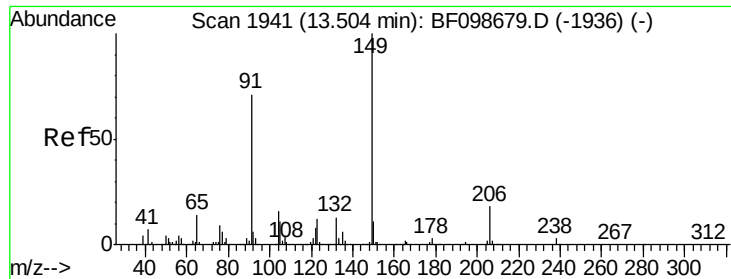


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

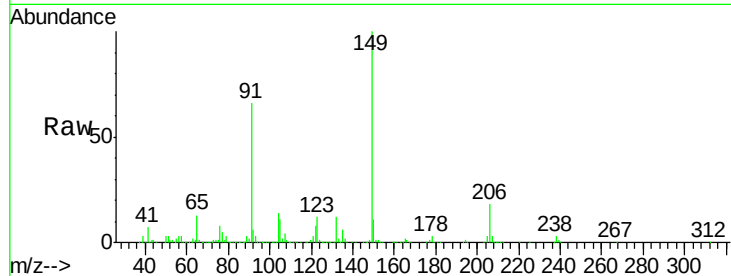




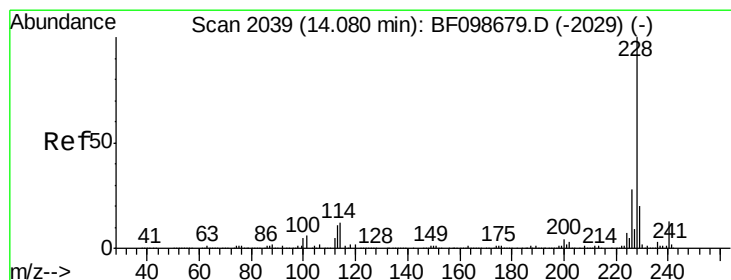
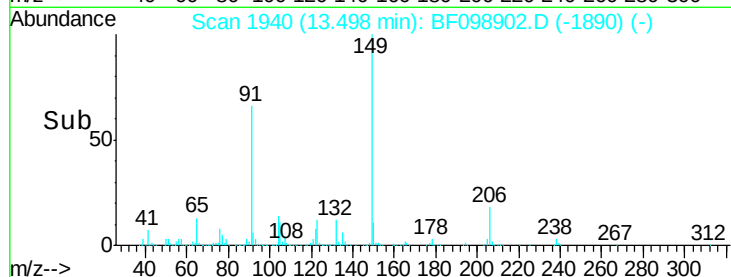
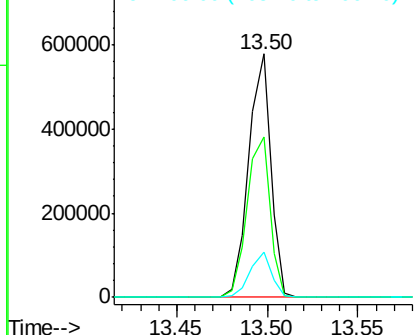
#79
Butylbenzylphthalate
Concen: 50.73 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	56.8	85.2
206	18.4	14.1	21.1

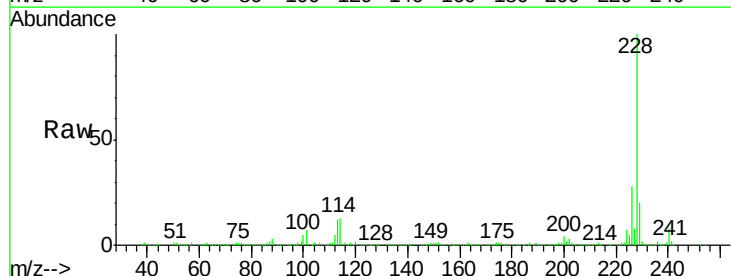


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

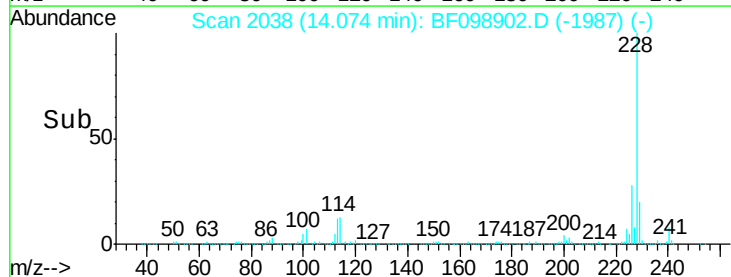
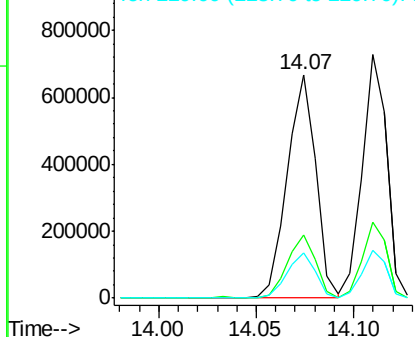


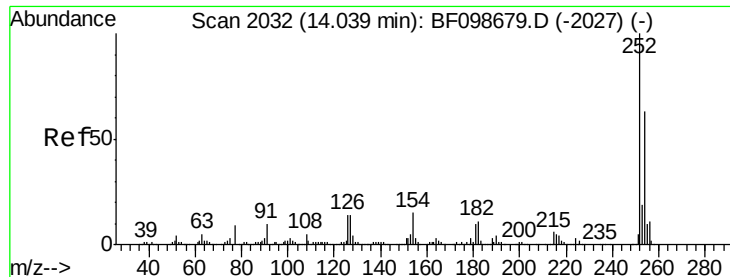
#80
Benzo(a)anthracene
Concen: 41.34 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.0	15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

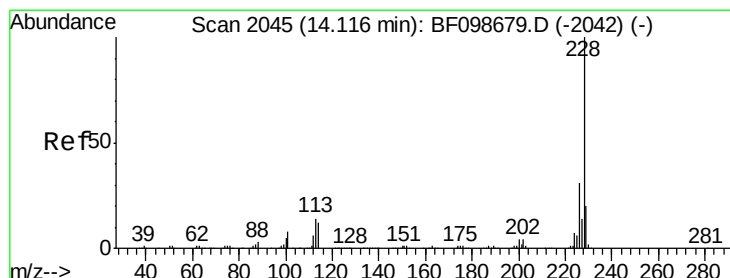
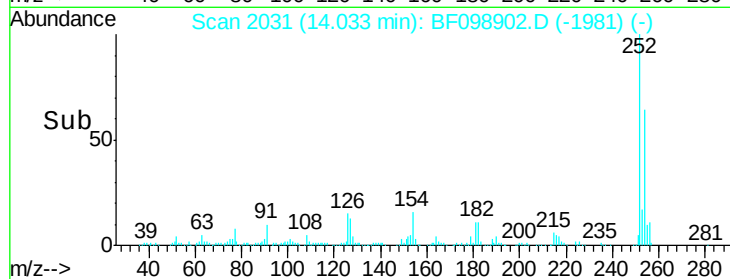
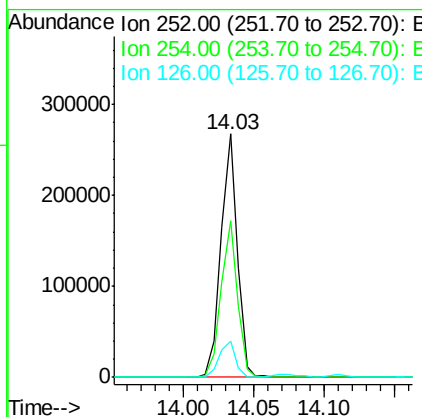
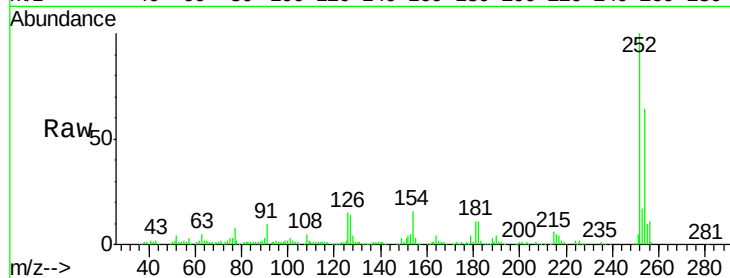




#81
 3,3'-Dichlorobenzidine
 Concen: 36.32 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

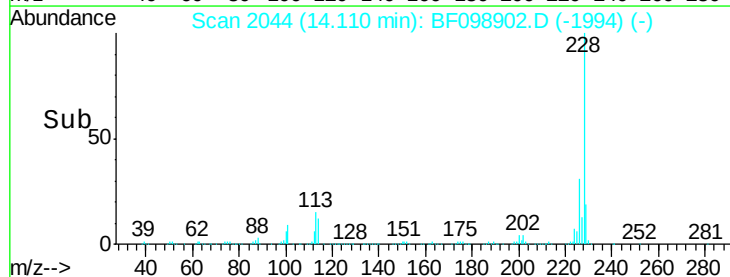
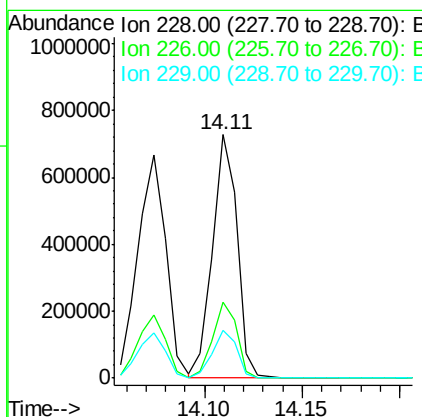
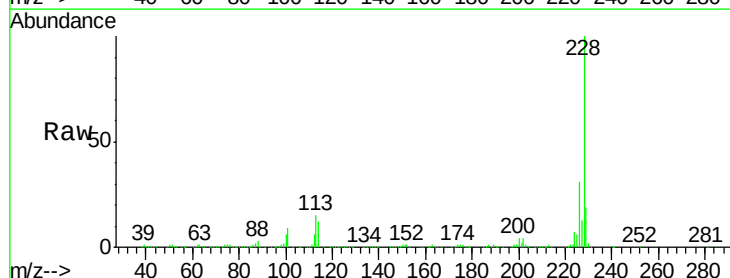
Instrument :
 BNA_F
 ClientSampleId :

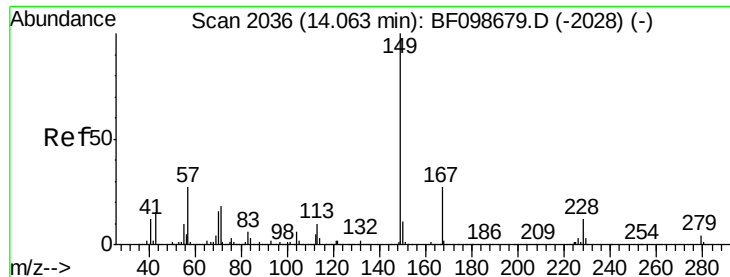
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.4	75.6
126	14.6	11.3	16.9



#82
 Chrysene
 Concen: 40.72 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.87 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :

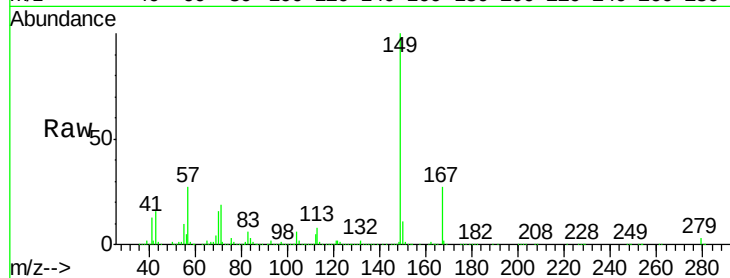
Tot Ion:149 Resp: 652366

Ion Ratio Lower Upper

149 100

167 26.5 21.3 31.9

279 2.7 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

1000000

800000

600000

400000

200000

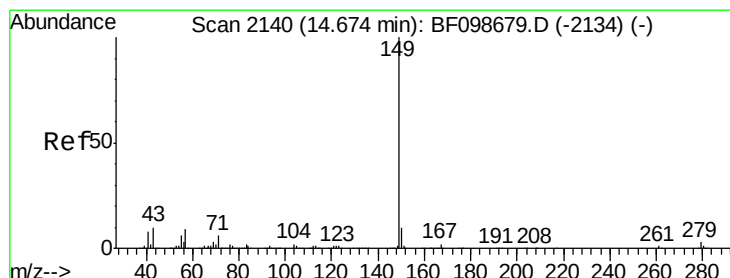
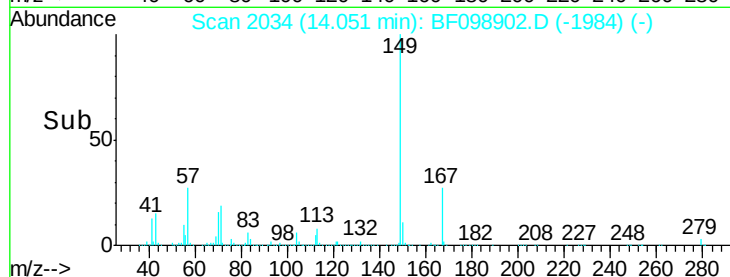
0

14.05

14.00

14.10

Time-->



#84

Di-n-octyl phthalate

Concen: 42.34 ng

RT: 14.66 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

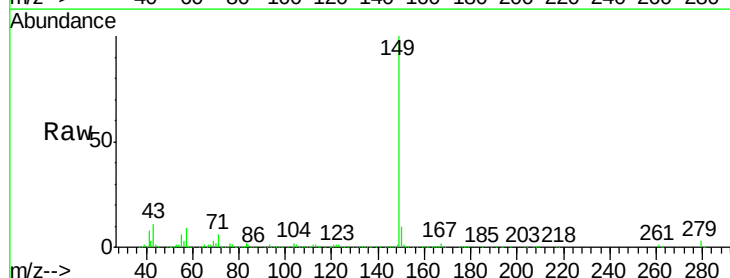
Tgt Ion:149 Resp: 910116

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.0 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

1200000

1000000

800000

600000

400000

200000

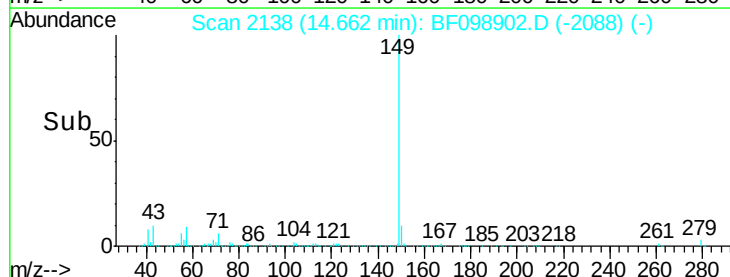
0

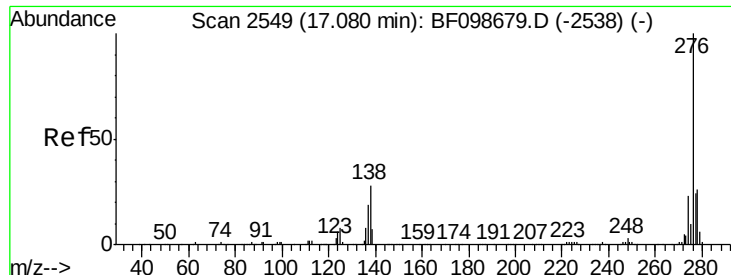
14.66

14.60

14.70

Time-->

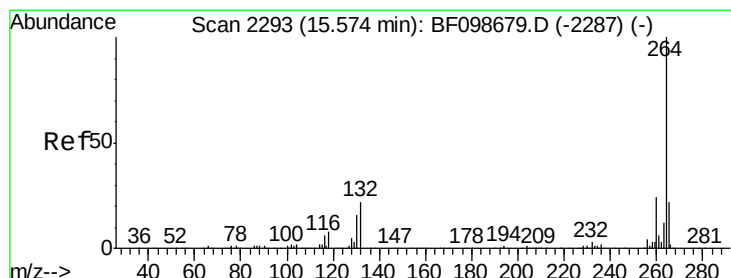
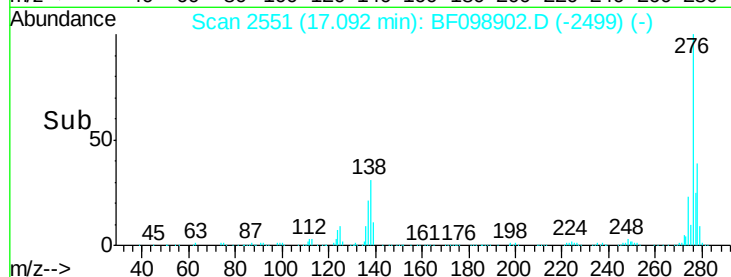
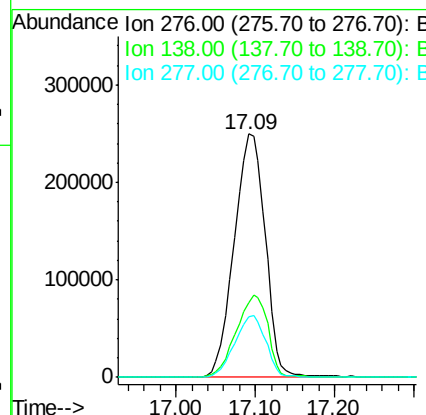
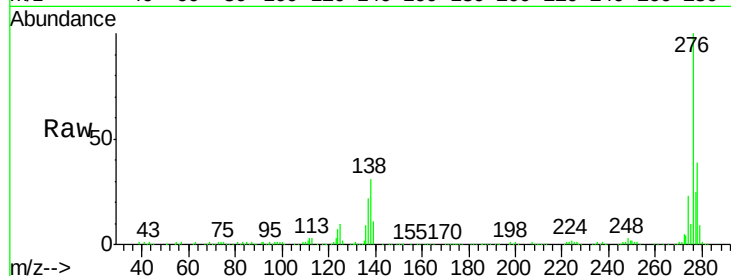




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 54.50 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

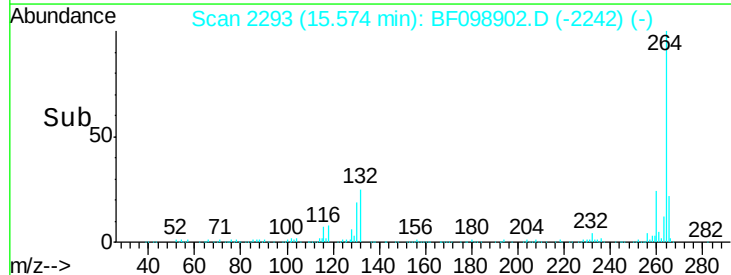
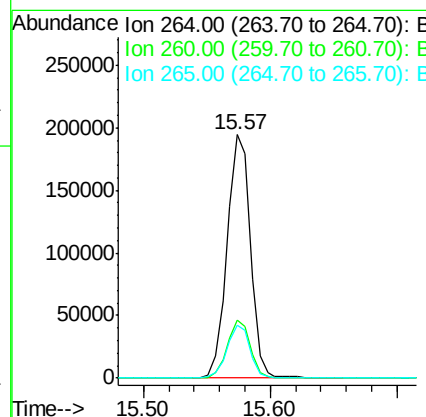
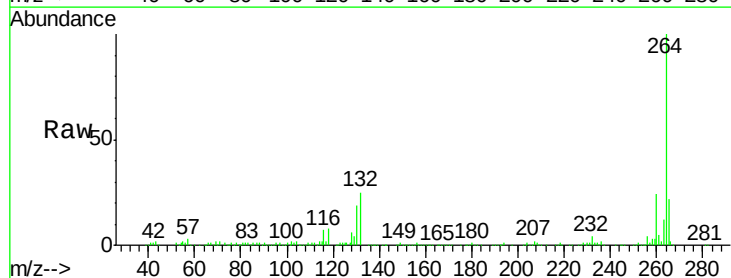
Instrument :
 BNA_F
 ClientSampleId :

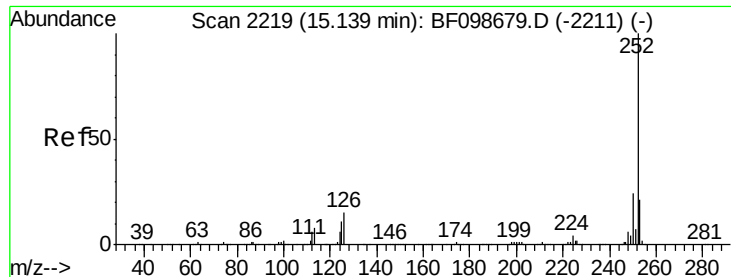
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	25.4	20.1	30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098902.D
 Acq: 28 Sep 2017 12:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.5	26.3

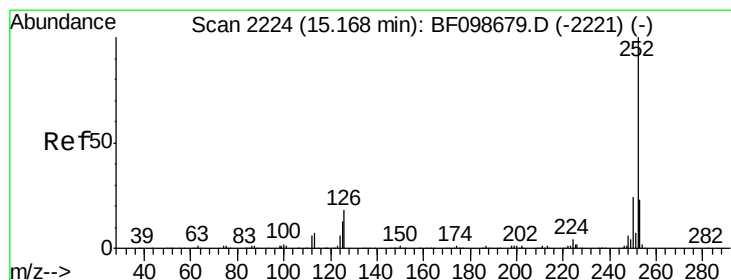
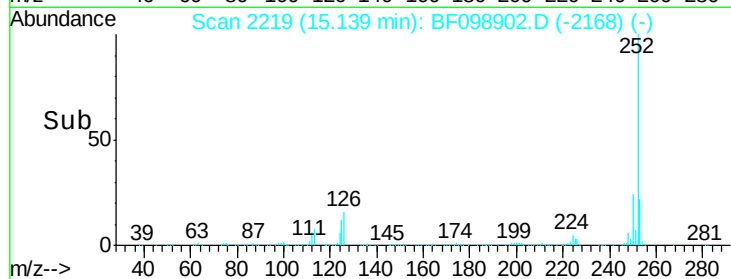
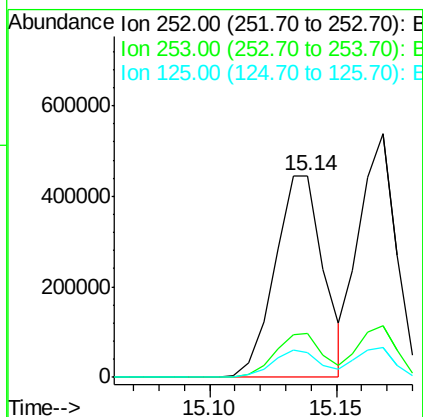
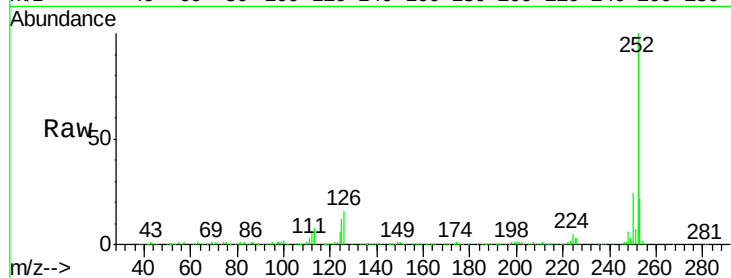




#87
Benzo(b)fluoranthene
Concen: 39.18 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

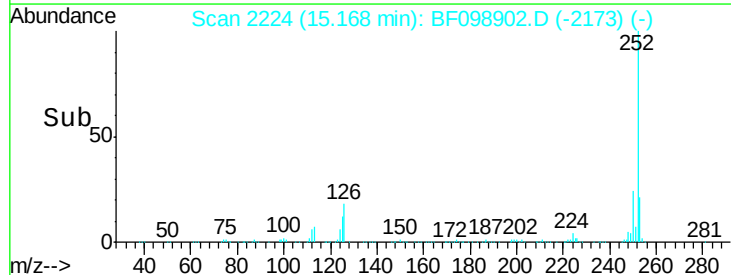
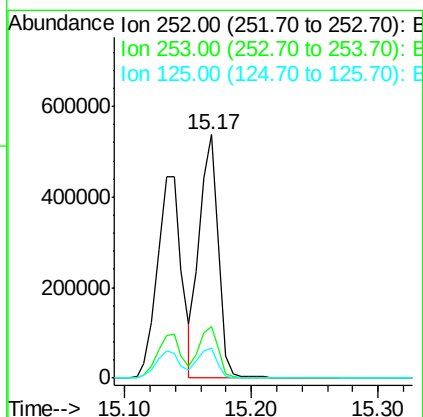
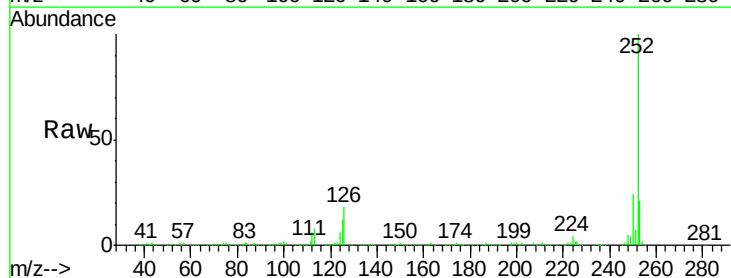
Instrument :
BNA_F
ClientSampleId :

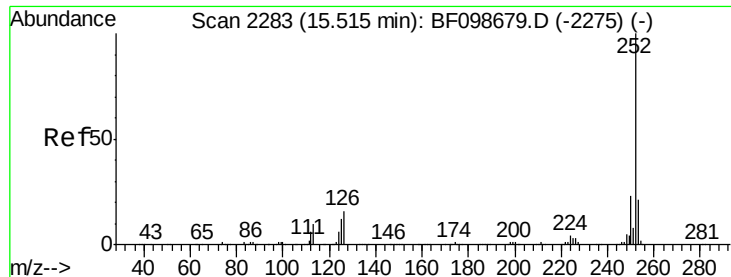
Tot Ion:252 Resp: 596994
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 12.3 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 36.63 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion:252 Resp: 551343
Ion Ratio Lower Upper
252 100
253 21.4 17.9 26.9
125 12.5 10.2 15.2

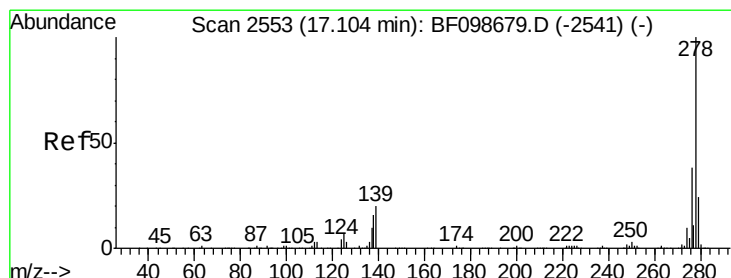
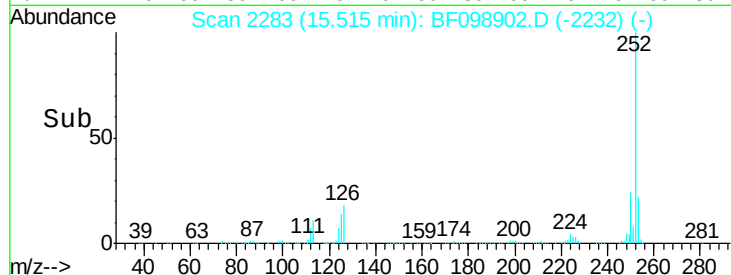
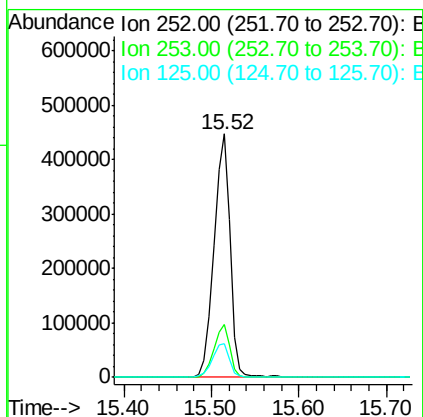
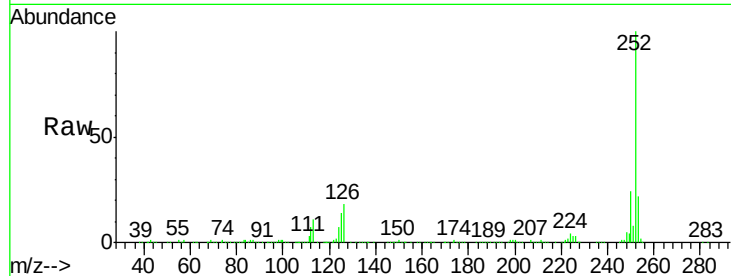




#89
Benzo(a)pyrene
Concen: 41.14 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

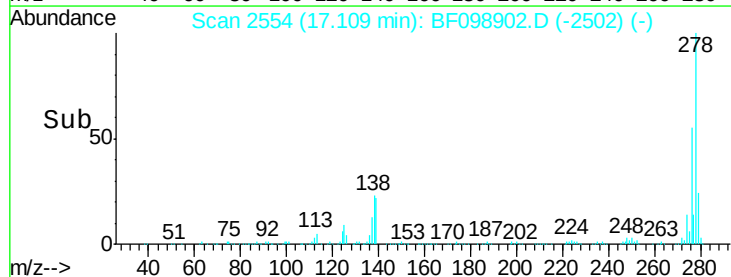
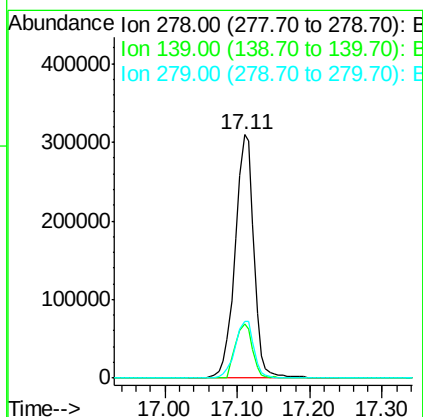
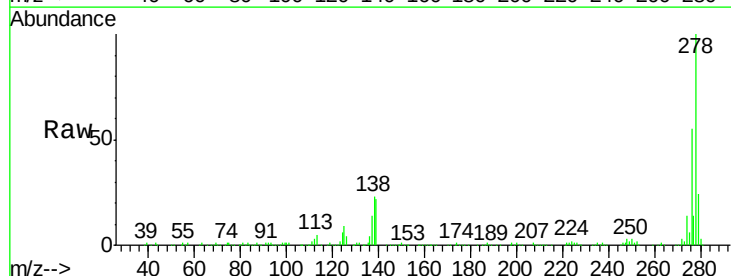
Instrument :
BNA_F
ClientSampleId :

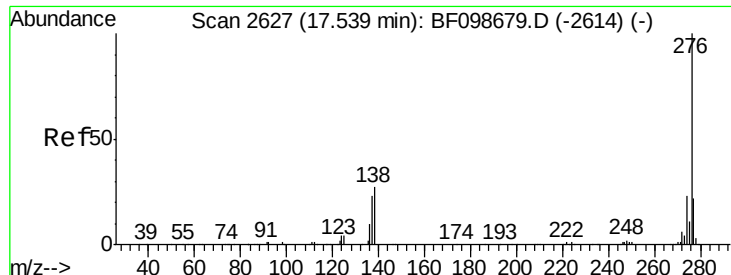
Tot Ion:252 Resp: 575510
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 13.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 50.12 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098902.D
Acq: 28 Sep 2017 12:19

Tgt Ion:278 Resp: 561031
Ion Ratio Lower Upper
278 100
139 22.2 15.9 23.9
279 23.5 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 52.23 ng

RT: 17.56 min Scan# 2630

Delta R.T. 0.01 min

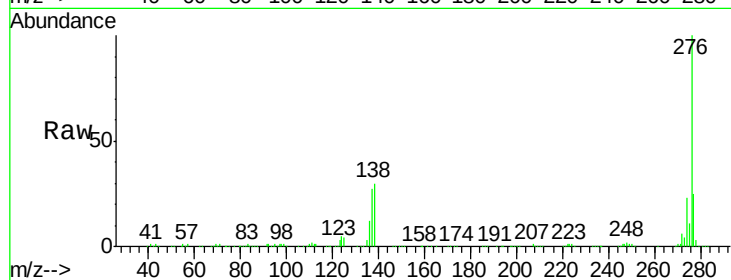
Lab File: BF098902.D

Acq: 28 Sep 2017 12:19

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 577996

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 29.7 21.8 32.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

